# A Complete Bibliography of *ACM Transactions on Knowledge Discovery from Data (TKDD)*

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## Title word cross-reference

$(k, P)$ [WLX+23]. 3 [XLL+21, ZELS24]. $^2$ [BXF+20]. $^3$ [LGS+23]. $_h$ [PXW+22]. $A*$ [SYZ+24b]. $B$ [LK20]. $\Delta$ [TC18]. $k$ [BBC+19, GEG+08, MKGV07, MM12, NADR21, SB24, SCS20, ZLY+20a]. $L$ [MKGV07]. $N$ [ML15, CBRB09]. $t$ [SHF24].

**-anonymity** [MKGV07]. **-ary** [CBRB09]. **-center** [GEG+08]. **-Core** [SCS20, WLX+23]. **-Dimensional** [XLL+21]. **-diversity** [MKGV07]. **-hop** [ZELS24]. **-hypergraphs** [LK20]. **-Means** [MM12]. **-SNE** [SHF24]. **-Subgraph** [NADR21].

**19** [BBB+22, LLL+23b, ZHSL23].

**2006** [BBD+07]. **2007** [MG09]. **2008** [MG09]. **2009** [Wan10]. **2011** [GSTC12]. **2012** [ACPW13]. **2014** [WL16]. **2016** [Agg17]. **2018** [XL20]. **2019** [LGZ+22].

**3E** [LLY+21]. **3E-LDA** [LLY+21].

**8M** [BT21].

**ABLE** [HFL+22]. **ABRA** [RU18]. **Absence** [SB21b]. **Academic** [WLX+23]. **Accelerating** [JYY+21]. **Accident** [LCX+23]. **According** [DKSK22]. **Accumulated** [SWH+23]. **Accuracy** [CSM+24, MM12, XYW+20]. **Accurate** [JSE+23, LNG18, LJK18, SHF18, SOK+20,

SLO+21, YWDP16, Kor10]. **Accurately** [HKR+23]. **ACM** [ACPW13, BBD+07, GL15, MG09, WL16, ZPSYY10, Agg22]. **Across** [CRC+23, GLZ+21, JH19, KZW+22, MAHT18, WYWY19, ZTL15a, ZGQ+24, BGJV12, Jia24, QZB+23]. **Action** [CZW+24, HLC19, SKW+21, YLHY20, VALF12]. **Active** [BIPR13, CWF+13, Dor19, HHZ+18, WY15, XXO+24, BG09]. **Activity** [CYT+17, LTN+21, SYZB24, WLL+21, ZCL+22]. **AD** [LLY+24]. **Ada** [RZY+23]. **Ada-MIP** [RZY+23]. **Adaptation** [CWL+24b, LYZ+24, RET+23, SKW+21, WN22b, CSF+12, TLZ+08]. **Adapting** [SRVM24]. **Adaptive** [AKM18, BLP21, CCT+23, DGB16, GSG+20, GW21, HCH24a, KCR+24, KBR+16, LLW+21, LTN+08, LFL+23, NWW+20, RZY+23, SZD+23, SJHY24, TLG+23, TKT+24, WDF22, XXZ19, YZL+22, ZLZ+19, ZZY+23, ZLDL23]. **ADATIME** [RET+23]. **Addendum** [vLCV+19]. **Adding** [WGC+23]. **Addition** [Pap15]. **Additive** [LJW+22, SM23]. **Address** [CG15]. **Addressing** [RCM+13]. **Adjusting** [HSB22, RKC19]. **Adopter** [ZWH+16]. **Adversarial** [CDC23, DKSL18, FJZT24, HCH24a, HZM+22, LLL23a, LCW24, LGZ+21, LZY+24b, LJG+24, PNB24, WLH24, XWZ+22, ZLD+23, ZRJ+22, ZJJ+24, ZBAG20]. **Adversary** [LCW24]. **Advertising** [OCD+24, ZBL+20]. **Advice** [HHZ+18]. **Affect** [ACE20]. **Against** [AKM17, YLL+21a]. **Agent** [RQM+24]. **Aggregated** [HYYQ15, KCR+24]. **Aggregation** [CG23, SJHY24, WMW+22, YZW+24, GMT07]. **Agnostic** [WJR+10, ZYD24b]. **AI** [CXL+24]. **Aided** [JSF+24, LZLJ24]. **Air** [CXWH24, RGL+23, WSDL19, XZSY19]. **Aleatory** [BAC23]. **Algebraic** [Bur21]. **Algorithm** [BBK19, BT21, Con20, FKKD17, JSP15, LWS22, LYL+22, LWY16, LYGG22, MHS20, RGAÁC+24, SYZ+24b, WSZZ14, WLD+23, WGYC21, WHC+23, YLL+21a, AF09, Vad10, WC12]. **Algorithms** [AK15, AH24, AKM20, BGSW13, BCC+21, CCV19, CPC10, DA18, DDL24, GBGL20, GCB+21, GJ16, GNMQ21, GSWJ20, JZS23, LCCM19, LYGG22, ME11, SLK+24, SHF18, SGCH19, SRVM24, WZL+16, YSY+22, YW24, ZXL22, ZLW+21a, BBCG10, GEG+08, ZZW09]. **Algorithms-Experiments** [GNMQ21]. **Alignment** [BGSW13, HST+23, MAHT18, RYM+24, XXG+24, ZTT+20, ZWYW24, ZRJ+22]. **Alleviate** [CC19]. **Allocation** [GL22, ZP15]. **Alzheimer** [LCG+18]. **among** [LZZ+22b, VDMC22]. **AMS** [JH19]. **Analysis** [ACE20, ABS19, AZBW21, BHW+17, CLG+19, CNZ+17, CMS24, GNMQ21, GSG+20, HLCR20, LSF18, LLY+21, LAN+18, LZF+15, LWG+16, MYL+21, NWW+20, PTL22, RBF+21, SMS22, STD+18, WQZ+16, XL15, XZLL21, YWZ+24, YHL15, ZZYY16, ZHT20, ZWB22, ZCZQ19, CRST09, DD09, DAR09, GEG+08, LNR08, LTN+08, STP+08, ZLT09]. **analytical** [DD09]. **Analytics** [AT17, CKC+18, LQW15, SGM+23, SGCH19, WLP18, vLCV+18, vLCV+19]. **Analyzing** [KUU10, LCZ+09, WDDB20, ASHK14, DD09]. **Anchor** [LF23, WZW+22]. **Anesthesiologists** [MMMJ16]. **Annotation** [BFRL13, HLL+20, PL10, WLL+22a, WDF22, MXC+07, YCJK08]. **Annotations** [GLMW22]. **Anomalies** [CNZ+17, DWD+20, LSL+22, PA18]. **Anomalous** [CYT+17, GLG+22, NLA23, WWHW19]. **Anomaly** [Ang20, BLH+22, GJDX14, HQYY14, JZS23, KBR+16, LNG18, LYTZ22, LLY+24, LZV24, LTZ12, LCN14, LLL+21, RA16, SFDW19, WJR+10, YWW+21, YHL15, ZLD+23]. **anonymity** [MKGV07]. **Anonymization** [MFHL10]. **Anonymized**

[WFW+11, LNR08]. **anonymizing** [CGL18]. **Answering** [BWD10, GFM21, MSC+19, ALB09]. **Any** [SGM+24]. **App** [LWG+16, LCF19, OGT+21]. **App2Vec** [WLD+21]. **Appliances** [JKP+21]. **Application** [DPDG18, LYGG22, LFL+23, MM12, SHL19, SDS18, WLD+21, YWC24, CSF+12]. **Applications** [AHGA14, GBGL20, GCB+21, GHT+24, Jia24, LYWL12, LSF18, LK15, LBT+23, MH22, NGB18, RJK+20, WZL+16, ZXL22, ZH16, CT14, GEG+08, STP+08]. **Applied** [QSS20, HAKU+08]. **Approach** [AKM18, BPW+18, CPP20, CWW+24, CGZW16, CRGP14, CTZ16, DA19, HF24, HCZ+14, JV20, JCB+16, JYD19, JS21, KN18, KHTR18, KSB+21, KL23, LSL+22, LVH+21, LGS+23, LYL+20, PE20, PNB24, PL10, RTM18, SMS22, TYZZ10, WYG+17, WCZ+22, XML18, XSZY20, XSZ+22, YWS+22, YZH+18, YDS+15, ZY14, ZL23, ZHSL23, BG09, CX10, Web10]. **Approaches** [LLW+21, WCX24, ZLY+20a]. **Approximate** [KN18, KRBK19, NADR21, PCVR22, SCS20]. **Approximately** [YSY+22]. **Approximating** [ME11, RU18]. **Approximation** [CWR23, HP20, HSBH19, LJW+22, MLM21, SÖ22]. **Architecture** [GBBC24]. **Area** [BBB+22]. **ArieL** [FJZT24]. **ARIS** [CYY+22]. **Arrangement** [ZLY+20b]. **Arrays** [dVKCC11]. **Arrival** [ZLZ+24]. **Art** [CPC10]. **Articles** [ALW+24, SG12]. **Artificial** [HL22, SB21b]. **ary** [CBRB09]. **ASCOS** [CG15]. **Aspect** [WZL+23b, XJW+21, ZCZQ19]. **Aspect-Aware** [WZL+23b]. **aspects** [CT14]. **Assessing** [AKM17, GMMT07, VDMC22, WWHW19]. **Assessment** [BBB+22, LWLW18, MMMJ16]. **Asset** [CZW+24]. **Assignment** [ADK+16, GSWJ20]. **Assignments** [CO18]. **Association** [RU14, YWR+19, Bal13, HDC07, ZZW09]. **Associations** [WV14, Web10]. **Assurance** [CTZ16, WCX24]. **Asymmetric** [CG15, OGV22, YL24]. **Asynchronous** [SYXZ23]. **Atmospheric** [LHS+21]. **ATR** [MCS+18]. **ATR-Vis** [MCS+18]. **Attacking** [DLZ+24, MSR+24, WLG+24]. **Attacks** [LCW24, ZBAG20]. **Attention** [ACE20, CHY+24, CSZ+21, GYX+22, HHL+24, JSF+24, KCR+24, KS24, LRK+19, LXC+22, LLY+24, LWG+22, OJW+23, SMW+24, WZ21, XLT+20, YSLL24, ZZYY22, ZZY+24b, PMC22]. **Attention-Aided** [JSF+24]. **Attention-based** [CSZ+21, XLT+20]. **Attentional** [LZP20]. **Attentive** [XLQ+24, XSZY20]. **Attraction** [CLYC23, TC09]. **Attractiveness** [GSI19]. **Attractor** [SYD+16]. **Attribute** [CZY11, KS21, LCW24, LZY+24b, GEG+08]. **Attribute-Guided** [KS21]. **Attributed** [AAB+24, CSX21, CZY11, KZM+23, LHW+21, LFXC24, LOM22, PA18, SHH+20, XKW+14]. **Attributes** [LZL+24, MYB19, MA16, SZLP16, ZZY+24b]. **Attributes-driven** [ZZY+24b]. **Attribution** [JH22, KSV+16]. **Augmentation** [CQH+24, HLC19, KCP+24, KL23, LWWW24, LZL+22, LHZ+24, LILJ24, WDF22]. **Augmented** [WOGZ24]. **Author** [MHKG19, PMC22, TS09]. **Authorship** [CMS24, JH22]. **Autism** [ASJ+23]. **Auto** [ZJ24, ZLW21b, WZWC23, YWK+22]. **Auto-Encoder** [ZJ24]. **Auto-Encoders** [ZLW21b]. **Auto-STGCN** [WZWC23]. **Autoencoder** [LLL23a, LLY+24, ZWC22]. **Automate** [Var22]. **Automatic** [BMTT18, GMS21, YWK+22, ZGC18, ZLW+21a]. **Automatically** [WCZ+24, YWW+21]. **AutoML** [PFC+24, PDK24]. **Automotive** [HCY+23]. **Autonomous** [WZWC23, YYC+21]. **Auxiliary** [LLX+24, YWC24]. **Average** [CWY+23].

**Averages** [CWR23, PCVR22, RU18]. **avoidance** [KRPS12]. **Aware** [CRP+24, CXWH24, FYN22, GXLC21, GYX+22, HZZ+15, HYYQ15, KS24, LSS+22, LHW+20, LWH+24, QCD+19, SYG+24, SMY+24, TKT+24, TZR24, WLD+21, WLL+22a, WZL+23b, XW22, XSZ+22, ZP15, ZWYW24, ZJ24, ZCZQ19, ZCL+22, CSZ+21, CWR23, FLL+22, GLW+23, KCP+24, LWCZ24, LWW24, NXZ+24, SYZ+24b, SSL+23, WZL+23a, XLQ+24]. **Awareness** [ZMW+24]. **axiomatic** [JLL14].

**B** [PXW+22]. **Back** [CYL+24]. **Back-In-Time** [CYL+24]. **Backdoor** [YCW+24]. **Background** [ZH23, ZFH23, KUU10]. **Badges** [KHTR18]. **Bags** [SWY+24]. **Balance** [CZY11, KZW+22, XYW+20]. **Balance-Subsampled** [KZW+22]. **Balancing** [BTBg22, IKK19, KCL+20]. **Bandit** [LSH+22, ZXL22]. **BapFL** [YCW+24]. **Based** [ASZ21, AF13, BHW+17, BBK19, BJ21, BBB+22, CPP20, CWF+13, CLG+19, CLT+20, CTC+22, CLYC23, CXL+24, DWW22, DIB24, FCWQ17, FLG+21, FYN22, GYX+22, GNMQ21, GZXF16, GW20, HL22, HZZ+15, HSS+17, HQYY14, HYYQ15, HCC+18, HXY+19, HF12, JKP+21, JK22, KN18, KCR23, KL23, LYG+19, LWB+22, LYTZ22, LJX23, LGG+23, LLL+23b, LOM22, LLS+21, LWW23a, LTB18, LTZ12, LLLW22, LZY+24b, LZD16, MDV11, MM12, PTL22, QZL23, RWD23, RQM+24, RLDL24, RYM+24, SRBC22, SMS22, SI21, SGCH23, SYZ+24a, WSZZ14, WBL21, WZW+22, WCZ+22, WLD+23, WWZL23, WQZ+16, WLS+23, WZX+23, WHC+23, YLL+21a, YCC+15, YWG+22, YWW+21, YTW+16, YDW+23, ZLT+15, ZZYY16, ZWG+19, ZXZ+23, ZLT+23, ZFWC18, ZL15, ZH21, ZPC+16, ZMZS23, AF09, APU09, CMS23, CCTW23, CCG+24, CSHZ21, CSZ+21, CWWL24, DA19, DD09, Dor21, GLG+22, GFHL23, HGV+08, Han24, II08, JCQ+23, KMH+24, KKZ09, LK20, LWWW24]. **based** [LTN+08, LWG+24, NK21, NK20, PKSM21, RJK+20, SZWR22, SGM+24, SYZ+24b, SHF24, TWC22, TC09, WND+09, WCL19, WWW+20, WLX+23, WZZ+24, XLT+20, YHLC23, YL24, YSLL24, ZCS10, ZZG+21, ZL23, ZELS24]. **Based-on** [RLDL24]. **Basket** [SOL22]. **Batch** [CWF+13, WY15, ZELS24]. **Bavarian** [CWR23]. **Bayes** [LLW16]. **Bayesian** [CSSP15, CZH18, Con20, CO18, GY15, GSWJ20, HCZ+14, JYD19, KRBK19, LYL+22, LGF10, LJW+22, OGAB14, PL10, WC12, XKW+14, YZZ22, YLL+24, ZZY24a]. **BCI** [YSW+21]. **Be** [GW21, LWWX23, WFW+11]. **Behavior** [CSZ+21, CYT+17, DWW22, LLW16, SOL22, WLG+24, XL16, XLT+20, YWZ+24, APU09, LWG+24, ZFY14]. **Behavior2Vec** [Che18]. **Behavioral** [BGWSB19, CPC10, HHL+24, ZZY+24b, LSY+09]. **Behaviors** [Che18, JCB+16, LSZ+19, LZZ+22b, WWHW19]. **Bellwether** [CRST09]. **Benchmark** [AKM17, LFY+23, TDLM19]. **Benchmarking** [RET+23, SB21a]. **BERT** [LYGG22]. **Best** [Agg17, WL16, XL20, GSTC12]. **Beta** [IAB22]. **Beta-Liouville** [IAB22]. **Better** [LCWC20, QZB+23, TSRK20]. **between** [CZY11, MYB19, QZB+23, Web10, XYW+20, ZHLZ24]. **Betweenness** [CWR23, LK20, PV24, RU18]. **Beyond** [BCK+18, LLG+23, LGZ+22, RZF+24, TLG+23, YJT+24, MKGV07]. **Bi** [LZP20, WMZL24]. **Bi-Directional** [LZP20]. **Bi-graph** [WMZL24]. **Biaffine** [ZHLZ24]. **Bias** [AZD+21, BSK24, HHL+24]. **Biasing** [LWWX23]. **Bid** [OCD+24]. **Bidding** [LCWC20, OCD+24]. **Bidirectional** [CSZ+21, GSG+20]. **Big** [AKM20, CTZ16, GSWJ20, RCM+13, SGCH19, TWCO16, YWDP16]. **BigChat**

[TWCO16]. **Bike** [WGC+23]. **Bike-sharing** [WGC+23]. **BiLabel** [ZFW22]. **BiLabel-Specific** [ZFW22]. **Binary** [DSTA22, DSL+14, LV18, ZYZZ21]. **bioinformatics** [ZKYW08]. **biological** [JMR08]. **Biomedical** [CTZ16, SMA+08]. **Bipartite** [CZY+22, LFL+23, WQZ+16, ZLDL23]. **Birth** [MHKG19]. **Birthday** [JSP15]. **BISC** [CX10]. **bitmap** [CX10]. **Blocking** [KSM09, NZW23, OJLD22, YLW+19, dVKCC11]. **Blockmodel** [LYC+21]. **Blog** [YWC+16]. **Bloom** [CXH+20, PXW+22, dVKCC11]. **Boltzmann** [JSG+19]. **Boolean** [DSTA22, MV14]. **boost** [Bal13]. **Boosting** [FH14, NK20]. **Bootstrap** [MM12]. **Bot** [XLT+20]. **Both** [AZD+21, BAC23, LWC+23]. **Bottleneck** [YLHY20]. **Bound** [LWW23a]. **Boundary** [AZD+21]. **Bounded** [LLZ+21]. **Bounds** [MSC+19, PV24]. **Bradykinesia** [LLL+20]. **Brain** [LLW+21, STD+18]. **Branch** [LLD+24]. **Breaches** [WFW+11]. **Breadth** [Bur21]. **Breadth-First** [Bur21]. **Breaking** [CCG+24, LHN+20]. **Bregman** [GG08, ZZL15]. **Bribery** [SRBC22]. **Bridge** [GLF+22]. **Bridge-Item** [GLF+22]. **Browsing** [LGF10]. **bubble** [GG08]. **Budget** [LCWC20, ZBL+20]. **Budget-Constrained** [LCWC20]. **Bug** [WCZ+24]. **Building** [RA16, ZHLZ24, CGL+23]. **Bundle** [LFC+17]. **Bursty** [CFP19, XZXW18]. **Business** [OLL20, XSZY20]. **Butterfly** [SÖ22]. **Buying** [LFC+17]. **Buzz** [CYOL16].

**Cache** [TAJY17]. **Cache-Conscious** [TAJY17]. **Calibration** [TSRK20]. **Call** [YZH+18]. **Camouflage** [HSS+17]. **Can** [WFW+11, YCW+24]. **Cancer** [XKH+16]. **CANDECOMP** [PFS15]. **candidate** [THD+08]. **Candidates** [WTD24]. **Cannot** [YHCL12]. **Capsule** [ZLT+23]. **Capture** [MNK18]. **Car** [HXY+19]. **Cardinality** [AT17]. **Career** [Lap20]. **Carlo** [PCVR22]. **Cascade** [PTL22, XZXW18, AGHN13]. **Cascade-Based** [PTL22]. **Cascades** [XZLL21]. **Case** [GLMW22]. **CASIN** [CT14]. **Catastrophic** [MH22]. **Catching** [JCB+16]. **Categorical** [IPM12]. **Categorization** [LZL+22, YLHY20]. **Category** [SMY+24, ZCZQ19]. **Category-Aware** [SMY+24]. **Causal** [CNZ+17, LWWX23, LXZ+24, PZJ+24, SGC+23, SMW+24, YCL+21, YLL21b, YYD22, ZWC+23]. **Causality** [AZBW21, LLH+24, LHS+21, SYZ+24a]. **Causality-Based** [SYZ+24a]. **CausalSE** [WGC+23]. **CBR** [GSWJ20]. **CenEEGs** [DPB+20]. **center** [GEG+08]. **Centralities** [PV24]. **Centrality** [BBC+19, CWR23, CDSV16, LK20, LLS+21, RU18, SKSÇ17, SGCH23]. **Centralized** [MFHL10, SYXZ23]. **Centric** [RTM18]. **CFOF** [Ang20]. **CGC** [CGZW16]. **Chain** [CCLZ18]. **Chains** [WSM+18]. **Chameleon** [BBK19]. **Change** [HCH+24b, JYD19, CBLH12]. **Change-Points** [JYD19]. **Changes** [TC18]. **Characterization** [OLL20, WZL+15]. **Characterizing** [LGZ+23, MRTW19, APU09]. **Chargers** [WZR+23]. **ChatGPT** [YJT+24]. **Chernoff** [PSFV13]. **Chief** [Agg22]. **Children** [ASJ+23]. **Chinese** [YWC+16]. **CHIRP** [WAD12]. **Choices** [LWG+16]. **Chromatic** [BGG+15]. **Churner** [Row16]. **ciForager** [CBLH12]. **Circles** [BGC14, ML14]. **Citation** [JSF+24]. **Cities** [DDL21]. **City** [BBB+22, CXWH24, WZR+23]. **Citywide** [CLT+20, DWH+23, FLL+22, XLL+21]. **Class** [AZD+21, BSS+24, NWA20, RWD23, SI21, SKM+22]. **Class-Boundary** [AZD+21]. **Classes** [WYWY19]. **Classical** [Var22]. **Classification** [AGHN13, AF13, BES15, BAMK18, CMS23, CRC+23, CS24, CSM+24, DPB+20, DWL+24, Dor21, DPDG18, FH14, GBBC24,

GY15, HSB22, HLH+24, IKK19, JV20, JLD+19, JDE+12, LV18, LWWW24, LTB18, LZX22, LHG+24, LFL+23, MA16, MES22, PSYJ24, PNB24, SZWR22, WSZZ14, WNH15, WBL21, WPW23, WDH+24, WPD+24, WN22a, WHC+23, XLS24, XXO+24, XXZ19, YGL+22, YWS+22, YWL+24, YHZ+24, YHCL12, YDS+15, ZZG+21, ZFW22, ZWYZ24, ZLHZ24, JTYY10, LTN+08, MWF08]. **Classifier** [BC18, Dor19, DIB24, JV20, SGM+24, TSRK20, WAD12]. **Classifiers** [AHGA14, JK22]. **ClassiNet** [BAMK18]. **Click** [DLZ+24, XYGC21]. **Click-Through** [XYGC21, DLZ+24]. **Client** [MYC+24]. **Clinical** [TR22]. **Clique** [WTD24]. **Clique-Querying** [WTD24]. **Cliques** [SMDHT21, JP09]. **Closed** [CBRB09]. **Closeness** [BBC+19, CDSV16]. **Closure** [HDT+18, YWR+23, LTH+13]. **Cluster** [JV20, KBR+16, LFXC24, SHF24, DAR09, GEG+08, LQW+18]. **Cluster-Contractive** [SHF24]. **Clustered** [CGL18]. **Clusterers** [AHGA14]. **Clustering** [AH24, DMGC21, BBK19, BGWSB19, BGJV12, BGG+15, CMZS15, CCT+23, CZY11, CGZW16, CWWL24, DA18, DA19, GMT07, GF23, GFHL23, GFL+24, GWZZ17, HYYQ15, IPM12, KZM+23, KKZ09, LQW+18, LHK+18, LFXC24, LF18, LL24, LF23, MDV11, MM12, MHS20, MG24, NC22, PGR18, PFTR16, PKH+17, PDK24, SMK18, SYD+16, SNH+13, TLL+19, VSV15, WZL+11, WSR+16, WCS+18, WLD+23, WJLY23, WZX+23, XZYL12, XKW+14, ZZL15, ZZYY16, ZGHM21, ZSC+23, ZP23, ZYD24b, ZLD14, ZL15, ZZY+21, ZLDL23, ZH16, ZZZ+20b, ZLW+21a, BFPP07, CSZ+09, DG10, GG08, HGV+08, TC09, WND+09, YLHY20]. **Clustering-based** [DA19]. **Clusterings** [MYPB20, CFD10]. **Clusters** [ZHSL23, GG08, KUU10]. **Clusterwise** [LBT+23]. **CNN** [PSYJ24]. **Co** [CGZW16, DCF+21, LOM22, LWH+24, WTD24, WMZL24, YLHY20, ZFH23, ZH16, DG10]. **Co-Clustering** [ZH16, YLHY20, DG10]. **Co-contrastive** [WMZL24]. **Co-Embedding** [LOM22]. **Co-evolving** [DCF+21]. **Co-Location** [WTD24]. **Co-Occurrence** [ZFH23]. **Co-Regularized** [CGZW16]. **Co-Training-Teaching** [LWH+24]. **Coalitions** [LLW+21]. **CoBjeason** [RQM+24]. **CoCoS** [SLO+21]. **Code** [LWW+21, TZR24]. **Codes** [WLC+17]. **Coding** [BLP21]. **Coevolution** [GBW+24]. **Coevolving** [AK15]. **Cold** [CC19, LYTZ22, LGZ+21, ML15, WZL+23a]. **Cold-Start** [LYTZ22, LGZ+21, ML15, WZL+23a]. **Collaboration** [RQM+24]. **collaborations** [AMIL13]. **Collaborative** [AFW+21, CTX+17, Dor19, HDQ+18, LLC+21, LHZ+24, LWG+24, MYC+24, NK20, SZD+23, ZLC20, Kor10]. **Collaborator** [WXW+21]. **Collections** [HLCR20, RBBV18]. **Collective** [BG07, DMI12, LTB18, NLG16]. **Color** [BLP21]. **Combination** [LL24, TYZZ10]. **Combinatorial** [BCC+21, LGG+23]. **Combining** [AHGA14, GWZZ17, HKR+23, ZSM22]. **comeNgo** [ZCF+17]. **Comment** [RYM+24]. **Commerce** [XML18]. **Commonality** [GF23]. **Communication** [Agg22, VFA+15]. **Communities** [BWD10, CCG+24, CRGP14, CO18, LPK+15, PA18, SH15, KUU10, LCZ+09, MS09]. **Community** [BHW+17, BB17, CSG+16, CSX21, DA18, DHZ24, GFM21, GW20, HSBH19, LWS22, LHK+18, LHW+20, LYT+23, LSS+11, NLZH20, NYLZ24, NXZ+24, PPDSBLP16, PTL22, QZL23, QZB+23, RKR18, Row16, SWD+21, SGCH23, SHH+20, SLL+22, TSS22, WLHH23, ASHK14, ALB09]. **Community-Based** [QZL23]. **CommunityDiff** [DA18]. **Comparative** [HLCR20, RBF+21, WZLG12, WZLG13].

**Comparing** [PFTR16]. **Comparison** [LBT+23, MAHT18, SWY+24]. **Comparisons** [DYS20]. **Competencies** [SRVM24]. **Competition** [LGZ+22]. **Competitive** [HL22, YTL18]. **Competitiveness** [WQZ+16]. **Competitor** [YSLL24]. **Complementation** [ZLHZ24]. **Complements** [ZWG+19]. **Completion** [BMZY21, LLZ+23, SGCH19, SJHY24, WWG+23, WOGZ24]. **Complex** [CSG+16, CSX21, HXY+19, KCR23, LLH+24, PAS24, DG10]. **Complexity** [LWZ14]. **Component** [CLG+19]. **composite** [WAD12, ZFY14]. **Compositional** [JMR08]. **Compound** [LYC+23]. **comprehensive** [KT09]. **Comprehensively** [FCWQ17]. **Compressed** [FAV23]. **Compressing** [SZLP16]. **Compression** [GA22]. **Computation** [KRBK19, SKSÇ17]. **Computational** [HCY+23, Var22, Bal13, CT14]. **Computer** [WZL+22]. **Computing** [BBC+19, BC24, GJ16, HAK+23, LT10, YLL19, LSY+09]. **Con&Net** [WZW+22]. **Concentration** [Ang20]. **Concept** [HKR+23, HSB22, LYZ+24, PE20, SZWR22, WZLZ21, WWG+23, WWZL23]. **Concept-based** [SZWR22]. **Concept-Driven** [WZLZ21]. **Concept-Enhanced** [WWZL23]. **Conditional** [PNB24, WSC+17, ZXZ+23]. **Confidence** [LHZG13, WZX+23, Bal13]. **Confounder** [KCL+20]. **Confounders** [YMX+23]. **Confounding** [LWWX23]. **Congestion** [SYZ+24b]. **Congestion-aware** [SYZ+24b]. **Connected** [TWCO16, GEG+08]. **Connecting** [SG12]. **Connectivity** [CCV19, CPYT21, CS24, Pap15, ZZZ+20a]. **Conscious** [TAJY17]. **Consensus** [LF18, ZLDL23]. **Consistent** [LNG18]. **Constant** [SYK22]. **Constrained** [LYWL12, LSH+22, LCWC20, LLLW22]. **Constraint** [GSG+20, ZBL+20]. **Constraints** [CCV19, CPP20, GGLP15, HYYT21, PFTR16, XXG+24, GMSS13]. **Constructing** [KT09]. **Construction** [GMS21, HXY+19]. **Consumer** [XL16]. **Consumption** [DWW22]. **Contact** [FSXL23]. **contamination** [KSM09]. **Content** [AS21, FCWQ17, GWZZ17, LWW24, TKT+24]. **Content-Aware** [TKT+24, LWW24]. **Context** [BSS+24, CO18, FLL+22, FYN22, GNMQ21, HZZ+15, HCZ+14, IPM12, JSF+24, LWLW18, WLD+21, WLL+22a]. **Context-Aware** [HZZ+15, WLD+21, WLL+22a, FLL+22]. **Context-Based** [GNMQ21]. **Context-Dependent** [CO18]. **Contexts** [ZFWC18]. **Contextual** [AFZ22, ACE20]. **Contextualized** [BSK24]. **Continual** [NWA20]. **Continuous** [KHTR18, LWC+23, SBZR19, YMPH20]. **Continuous-Time** [KHTR18, LWC+23, SBZR19]. **Contractive** [SHF24]. **Contrast** [CLJC24, Han24]. **Contrastive** [FJZT24, HTT+24, HCH24a, JRC+23, LWWW24, LLH+24, LHZ+24, LJG+24, XLS24, YWL+24, ZMZS23, ZCL24, WMZL24]. **Control** [CWY+23, YSW+21]. **Convergence** [LLW16]. **Conversation** [LLD+24]. **Conversation-Branch-Tweet** [LLD+24]. **Conversational** [LZL+24]. **Convex** [ACK+22, CNY+16]. **Convolution** [CTC+22, Dor21, KZM+23, WN22a, ZZY24a, ZMZS23]. **Convolution-based** [Dor21]. **Convolutional** [CLT+20, CFX+24, Jia24, JZX+23, LXC+22, LFY+23, LXR+23, OJW+23, SCCM22, SYZ+24b, WZWC23, XLL+21, XLS24, ZHLZ24, ZLHZ24, ZLW21b]. **Convolutions** [LLC+22]. **Cooperative** [GBW+24]. **Coordinate** [BNY20]. **Coordinated** [WSM+18]. **Coordination** [ABSP+18]. **Core** [CCG+24, GBGL20, LZD16, SI21, SCS20, WLX+23, XYGC21, GCB+21].

**Core-based** [CCG+24]. **Coreset** [CPP20]. **Coreset-Based** [CPP20]. **Coronavirus** [JLZ+22]. **Corpus** [MN20, SZWR22, II08]. **corpus-based** [II08]. **Corpus-level** [SZWR22]. **correct** [BG09]. **Corrected** [Cos21]. **Correction** [LJX23, LSH20]. **Correlate** [MMMJ16]. **Correlated** [CLG+19, CBLH12]. **Correlation** [BGG+15, DSL+14, GFL+24, KCP+24, WLC+17, WDL+23, WMW+22, ZZY+23, ZSM22, KKZ09, WXT+24]. **Correlation-aware** [KCP+24]. **Correlations** [CNZ+17, SFP10, ZZXY21, SJR08]. **Corresponding** [HST+23]. **Corruption** [ZLZ+19]. **Cost** [CWW+24, HO14, SI21, CRST09, Vad10]. **Cost-Effective** [CWW+24, CRST09]. **Cost-Sensitive** [HO14, SI21, Vad10]. **COTE** [LTB18]. **Counterfactual** [YWK+22]. **Counting** [AKM20, BCK+18, BLP21, DERU17, LJK18, SOK+20, SLO+21, DTU21, YSY+22, BBCG10, CX10]. **Counts** [CL18, JSP15]. **Coupled** [EC20, GCG22, MHS20, RABR23, RGL+23, WCS+18]. **CoupledGT** [RGL+23]. **Course** [SMY+24]. **Covariance** [GJ16]. **Cover** [XZ23, ZELS24]. **Covered** [RQM+24]. **covering** [WAD12]. **COVID** [LLL+23b, ZHSL23, BBB+22]. **COVID-19** [LLL+23b, ZHSL23, BBB+22]. **CP** [WJLL21]. **CPU** [YLL19]. **Crawling** [LWS22]. **criteria** [HGV+08]. **Criterion** [LWG+24]. **Criterion-based** [LWG+24]. **Criticality** [LWB+22]. **Critique** [ABDM21]. **Cross** [BGJV12, CTX+17, GLF+22, GFL+24, GLW+23, HTT+24, HCH24a, LYN+24, LHG+24, MRC+22, ML15, OGT+21, WNH15, WZW+22, WCHH23, WXT+24, YLHY20, YHZ+24, ZWYW24, ZSM22, JP09]. **Cross-aware** [GLW+23]. **Cross-Correlation** [ZSM22]. **Cross-Dependency** [CTX+17]. **Cross-Domain** [HCH24a, LYN+24, MRC+22, ML15, OGT+21, GLF+22, WXT+24]. **cross-graph** [JP09]. **Cross-Guided** [BGJV12]. **Cross-Language** [WNH15]. **Cross-Lingual** [ZWYW24]. **Cross-modal** [LHG+24]. **Cross-Network** [WZW+22, YHZ+24]. **Cross-session** [WCHH23]. **Cross-View** [GFL+24, HTT+24, YLHY20]. **Crowd** [CMQ19, ELH23, FLL+22, WGL+23, XLL+21, YGL+22, ZZXY21]. **Crowd-Machine** [CMQ19]. **Crowd-powered** [YGL+22]. **CrowdAtlas** [ELH23]. **Crowds** [WYX+16]. **Crowdsourced** [DYS20, RYM+24]. **Crowdsourcing** [LJX23, MPG+23, TYW+21, WMW+22, WZX+23, WZB+23, YZW+24, ZYH19]. **CrowdTC** [YGL+22]. **CrowdWT** [TYW+21]. **Cryptocurrency** [CZW+24]. **CSNL** [Vad10]. **CT** [LSZ+19]. **Cube** [KN18]. **Cuckoo** [PKSM21]. **Cumulative** [WJLL21]. **Cup** [LGZ+22]. **Curiosity** [FN24]. **Curriculum** [ZCL24]. **Customer** [BJ21, LWW18]. **Customizable** [SGM+23]. **Customization** [WZL+23a]. **Cutting** [MSR+24]. **Cyber** [TYG+15]. **Cyber-Physical** [TYG+15]. **Cyberbullying** [YLL+21a]. **Cybersecurity** [YYS+24]. **Cyclic** [LZD16].

**DACHA** [CTC+22]. **Daily** [ZZXY21]. **Damage** [ASZ21]. **Data** [AEEBEE20, AOEM17, AH24, ABSP+18, ABW20, ASPT21, AT17, AF13, DMGC21, BMTT18, BLW14, BC18, CYY+22, CMZS15, CG23, CQH+24, CKC+18, CTZ16, DWW22, DSL+14, DGB16, EGT14, EC20, FAV23, GBW+24, GLMW22, GZSMM24, GZXF16, GSWJ20, HKR+23, HZL20, HH19, HSB22, HQWW22, HXY+19, HML+24, IPM12, JCC23, KN18, KRBK19, KFI+23, KZW+22, KBR+16, KCP+24, KL23, LYG+19, LYTZ22, LK15, LGF10, LCN14, LCLL17, LZX22, LGZ+22, LILJ24, MFHL10, VDMC22, PC20,

QSST18, RET+23, RCM+13, RGL+23, RKC19, RPT10, SATK20, SBRE14, SMS22, SGCH19, SB21a, SLTA11, SHF24, SM23, TL14, TYG+15, TAJY17, TWC22, TWCO16, THB18, Var22, VSV15, WCS+18, WLW+19, WDDB20, WGC+23, WFW+11, WHMY17, WHC+23, XML18, XKH+16, XZSY19, XSZY20, YHLC23, YWC24, YSLL24, YHCL12, YWDP16, YTW+16, YYD22, YZL+22, ZZG+21, ZJL+14, ZP15, ZHT20, ZDY+22, ZP23, ZYD+24a]. **Data** [ZH16, ZWSD24, ZJJ+24, vLCV+18, vLCV+19, BG07, BC24, CCC09, CKMS08, DG10, GEG+08, GMMT07, KRPS12, KKZ09, MVT12, MWF08, TC09, VCKP08, WND+09, ZLT09, Agg22]. **Data-Aware** [ZP15]. **Data-Driven** [XML18]. **Database** [GZXF16, MMMJ16]. **Databases** [Lap20, NLA23, CRST09]. **Dataset** [PKSM21, SDS18, WYG+17]. **Datasets** [LLW16, OGAB14, PGR18, PNB24, TSRK20, WNC+18, AF09, JMR08, SSK+10]. **De-anonymizing** [CGL18]. **De-Biasing** [LWWX23]. **Deadlines** [HYYT21]. **Dealing** [NGMQ22]. **Death** [MHKG19]. **Debiased** [CWL+24a]. **Decentralized** [MSC+19]. **Deciphering** [GXZ+22]. **Decision** [GXZ+22, SI21, SYZ+24a, ZZYW22, Vad10, VCKP08]. **Decision-Making** [GXZ+22]. **Decomposable** [LZD16]. **Decomposition** [DSTA22, GBGL20, GCB+21, JK23, LYTZ22, ME11, PFS15, SCS20, Tat19, WJLL21, XWZ+22, YWK+22, ZZ23, ZSC+23]. **Decompositions** [SCS14]. **Deep** [ACE20, CGL+23, CLG+19, CS22, CRM+23, CE24, CSHZ21, FFZ+24, FSXL23, GA22, HZL20, HGW+21, JKP+21, JCC23, LL19, LXC+22, LLL+23b, LWW+21, LSH20, LGS+23, LZL+24, LWW+23b, MWL+22, NC22, SCCM22, WLD+23, WJLY23, XWZ+22, YYC+21, YHZ+24, ZCC+24, ZYD24b]. **DeepCPR** [LZL+24]. **DeepDepict** [HGW+21]. **DeepMeshCity** [ZCC+24]. **Defined** [HQYY14, CRST09]. **Definitions** [ZTT+20]. **Degree** [AEEBEE20, NK21, WQZ+16]. **Deletion** [YLW+19]. **Deliveries** [CZZ+23]. **Delivery** [LYG+19]. **DeltaCon** [KSV+16]. **DeltaShield** [VLK+23]. **Demand** [LYG+19, LYC+23, WZR+23, YYC+21]. **Demands** [WLW+19]. **Demarcating** [KSB+21]. **Dense** [FLC23, JK23, RTG17, SHF18, GG08]. **Densification** [LKF07]. **Density** [AH24, BBC+24, BLW14, CMZS15, hDRNlD21, HYYQ15, Tat19, THB18, WND+09, TC09]. **Density-Aware** [HYYQ15]. **Density-based** [WND+09]. **Density-Friendly** [Tat19]. **Density-peaks** [AH24]. **Dependence** [GHT+24, ZZ10]. **Dependencies** [FXG+16, LZD16, ZZXY21]. **Dependency** [CTX+17, FLL+22, JSF+24, LK20, LZY+24a, WPW23]. **Dependent** [CO18]. **Deploying** [LH22]. **Deployment** [SYLC16]. **Descent** [BNY20, WYG+17]. **Description** [ASPT21, HGW+21, MV14]. **Descriptors** [HAK+23]. **Design** [HCY+23, KSB+21]. **Designing** [LNG18]. **Destination** [WYG+17, HYYT21, RLDL24]. **Detect** [CYT+17, LLD+24, LSGZ19, LLW+21, IHS07]. **Detecting** [GLG+22, NLA23, TC18, WWHW19, YWC+16]. **Detection** [ABSP+18, ASZ21, Ang20, BHW+17, BMTT18, BLH+22, CMZS15, CSX21, CZW+24, CFP19, DHZ24, DDL21, FLC23, GFL+24, HSBH19, HSS+17, HQYY14, HCH+24b, JZS23, JYD19, JKP+21, JLZ+22, KG24, KBR+16, LNG18, LWCZ24, LHK+18, LSF18, LHW+20, LSL+22, LYTZ22, LLY+24, LZV24, LTZ12, LCN14, LLL+21, MCSZ20, MN20, NLZH20, NYLZ24, NXZ+24, PE20, PLS+21, PPDSBLP16, PTL22, QZB+23, RKR18, Row16, SBRE14, SFDW19, SB21a, SGCH23, SHH+20, TSS22, VLK+23, WWW+16, WCL+23a, WZZ+24, WJR+10, XZXW18, XLT+20, YZH+18, YWW+21, YHL15, ZLD+23, ZZY24a,

ZCL24, CSF+12, KRPS12, ZP09]. **Detector** [WZZ+24]. **Determinantal** [QXBT16]. **Development** [DDL24, Row16]. **Developmental** [YCJK08]. **DEWP** [FFZ+24]. **DexDeepFM** [CS22]. **DGCN** [XLL+21]. **Diagnosis** [CNZ+17, THB18, WLC+17, XKH+16]. **Diagram** [WZL+22]. **Dialogue** [WGL+23]. **diameters** [LKF07]. **Dictionary** [SZF+23, SKW+21, ZZG+21]. **Dictionary-based** [ZZG+21]. **Diff** [CMS24]. **Diff-Vectors** [CMS24]. **Different** [ADK+16, CMS24, WYWY19]. **Different-Sized** [ADK+16]. **Differentiable** [CFX+24]. **Differential** [HF24]. **Differentially** [EC20, KFI+23]. **Differentiated** [KCL+20]. **Differentiating** [CC19]. **Difficulty** [ZWSD24]. **Diffuse** [TLG+23]. **Diffusion** [GRLK12, RKR18, RABR23, SGM+23, THRR16, WCL19]. **Digger** [LSGZ19]. **diGRASS** [ZZF24]. **Dilated** [LLC+22]. **DiMBERT** [LWG+22]. **Dimension** [MG24]. **Dimensional** [GLZ+21, MFHL10, PGR18, SHF24, WHMY17, XKH+16, KKZ09, PMC22, XLL+21]. **Dimensionality** [CCT+23, CV24, GNMQ21, MDV11, ZWB22, PSFV13, ZZ10]. **DipMeans** [MYPB20]. **Directed** [BGC14, MRTW19, ZZF24]. **Directional** [LZP20]. **Dirichlet** [GL22, IAB22, ZB20]. **Disaggregation** [JKP+21]. **Disambiguation** [PMC22, ZWB22, TS09]. **disclosure** [LNR08]. **Discounts** [XML18]. **Discover** [PZJ+24]. **Discovering** [AASL23, BWD10, BGC14, DWD+20, HGWY23, ML14, PA18, SMA+08, SG12, SDS18, WSC+17, WTD24, YWH+15, ZJL+14, CBLH12]. **Discovery** [Agg22, CYOL16, CZW+24, GGLP15, GFL+24, LSS+11, LZD16, PLS+21, RU14, SFP10, SLW+18, WZW+22, WV14, WSM+18, ZWC+23, ZPSYY10, RPT10, SSK+10]. **Discrepancy** [GFL+24]. **Discrete** [LLL+23b, LWW24]. **Discriminant** [BXF+20, GCL+19b, GSG+20, LLY+21, NWW+20, WLP18, ZWB22, LTN+08]. **discrimination** [RPT10]. **Discriminative** [HF12, PE20, WZLG13, WY15, WZLG12]. **Discussions** [MCS+18]. **Disease** [LLL+20, LCG+18, WLC+17]. **Disentangled** [LHZ+23, LWG+22, QWH+24, WZL+23c]. **Disentanglement** [SGC+23]. **Disorder** [ASJ+23]. **Dispatching** [YYC+21]. **Display** [OCD+24]. **Dissimilarity** [IPM12]. **Distance** [ABS19, HZW+15, HML+20, IPM12, JK22, LFL+23, ZLW+21a, AF09]. **distance-based** [AF09]. **Distance-Preserving** [LFL+23]. **Distances** [Cos22, BC24]. **Distant** [ZHLZ24]. **Distillation** [LXC+22, MYC+24, XWZ+22, ZLZ+24]. **Distinct** [VFA+15]. **Distributed** [Che18, CZH18, DHZ24, GJ16, GBW+24, GL22, KRBK19, LZZ+22a, MM12, MFHL10, PSP+18, SLO+21, XW22, YSY+22]. **Distribution** [CWF+13, CRC+23, ELH23, LWB+24, RYM+24, ZB20, ZWYZ24, SMW+24, PAS24]. **Distributional** [XXG+24]. **Distributions** [CZY+22, JYD19, NK21]. **Disturbance** [WLS+24]. **DiVA** [SGM+23]. **Diverse** [HKR+23, WGL+23, ZWYW24]. **Diversification** [DA19]. **Diversity** [CPP20, CS22, HSB22, LF23, WDL+21, ZS24, MKGV07]. **Diversity-enhanced** [WDL+21]. **Diversity-Induced** [LF23]. **Divisibility** [CXL+24]. **DMGF** [LJL+23]. **DMGF-Net** [LJL+23]. **DNformer** [JYH+23]. **Do** [LWZ14, MMMJ16, PFC+24]. **Document** [CKC+18, HLCR20, JRC+23, LGF10, LHG+24, NTNP18, QCD+19, SZWR22, WZL+11, WZLG13, WSR+16, WZLG12]. **Documents** [GCG22, XRGZ24, THD+08]. **Doing** [MMMJ16]. **DOLPHIN** [AF09]. **Domain** [AFZ22, CWL+24b, CGZW16, DSL+24, GLW+23, HCH24a, JXGZ19,

LYN+24, MRC+22, ML15, OGT+21, RET+23, RYM+24, WLH24, WN22b, YMX+23, CSF+12, GLF+22, WXT+24]. **Domain-Specific** [AFZ22]. **Domains** [CRC+23, LV18, ZGQ+24]. **domination** [ZLT09]. **Dots** [SG12]. **DP** [CS24]. **DP-GCN** [CS24]. **DQN** [LYGG22]. **Drift** [HKR+23, HSB22, LYZ+24, OLL20, PE20]. **Drifting** [RKC19]. **Driven** [AT17, BMTT18, PPDSBLP16, WZLZ21, WJLY23, WZB+23, XML18, YMX+23, HGWY23, ZZY+24b]. **Drosophila** [YCJK08]. **Drug** [AEEBEE20]. **Dual** [CTC+22, CSHZ21, GLW+23, HTT+24, LSH+22, LSL+22, LZY+24b, WZL+16, WNH15, WZL+23a, WXT+24, WLS+23, XWW+24, ZLT+23, ZL23]. **Dual-aware** [GLW+23]. **Dual-Embedding** [CSHZ21]. **Dual-Level** [LSH+22]. **Dual-MGAN** [LSL+22]. **Dual-Side** [LZY+24b]. **DuCape** [ZLT+23]. **duration** [ZCS10]. **During** [JLZ+22]. **DWE** [JXGZ19]. **DWE-Med** [JXGZ19]. **Dynamic** [AK15, AH24, CLJC24, DWH+23, DERU17, HYYT21, HCH+24b, JXGZ19, JYH+23, JZX+23, KG24, LNG18, LFY+23, LJL+23, LWC+23, PZJ+24, QZL23, RCM+13, RBBV18, RU18, RTG17, SBZR19, SOK+20, SCS20, THRR16, WJLL21, WC15, XJW+21, XLL+21, YZZ22, ZCF+17, ZH23, ZZY+24b, ZMW+24, ZZYW22, ZCL+22, LCZ+09]. **Dynamical** [CNZ+17]. **Dynamically** [HSB22, MPG+23]. **Dynamics** [ACK+22, ABS19, IYSU12, KSB+21, VFA+15, WXB+21, XJW+21].

**E-Commerce** [XML18]. **E-News** [VAFZ19]. **Early** [CZW+24, PNB24, CSF+12]. **Edge** [BLH+22, CTP+16, HAK+23, HLH+24, LHZ+23, Pap15, WWW+20, WLS+24]. **Edge-based** [WWW+20]. **Edge-enhanced** [LHZ+23]. **Edge-Type** [WLS+24]. **Edge2vec** [WWW+20]. **Edges** [HSY+21, MSR+24]. **Editor** [Agg22]. **Editor-in-Chief** [Agg22]. **Editorial** [EK12, TWCO16, vLCV+18]. **Editors** [vLCV+19]. **EEG** [DPB+20, YSW+21]. **EffCause** [PZJ+24]. **Effect** [HML+24, KCL+20]. **Effective** [CWW+24, LWW23a, WLX+23, WLT19, XRGZ24, YZW+24, CRST09]. **Effects** [GXZ+22, WGC+23, VALF12]. **Efficiency** [QZB+23]. **Efficient** [AH24, BHW+17, BNY20, BBCG10, CGL+23, CG23, CWY+23, DDL24, HWZ+24, JSP15, LWS22, LYWL12, LSL+22, LJL+23, LJK18, LWY16, LLX+24, MM12, MN20, OJLD22, RU14, SKM+22, DTU21, TLZ+20, WDDB20, WLX+23, WV14, YLK13, YZW+24, YZH+18, YWW+21, YLL+24, ZZW09, ZHL+21, ZYZZ21, ZLY+20a, AF09, CX10, HAKU+08, WC12, YZL+22]. **Efficiently** [PZJ+24, WLR+14, ZSM22]. **EFMVFL** [HWZ+24]. **Ego** [ZMC+24, ML14]. **Ego-graphs** [ZMC+24]. **Eigen** [CTP+16]. **Eigen-Optimization** [CTP+16]. **Elastic** [Dor21]. **Electric** [WZR+23]. **elements** [SSK+10]. **Eliminating** [LWB+24]. **Embedding** [AFW+21, CSHZ21, Dor21, FAV23, GFM21, HLZH18, HSY+21, JYY+21, JBGW24, KCR+24, LHW+21, LTN+21, LOM22, LLL+21, LFL+23, PZW+18, QZL23, QZB+23, RBF+21, SYXW22, SWD+21, SHH+20, TLZ+20, WWW+20, WZW+22, WLX+23, WN22b, WZB+23, XSZ+22, YHZ+24, ZWG+19, ZGHM21, ZYZZ21, ZWLS22, ZLT+23, ZLSC24]. **Embeddings** [GLF+22, JXGZ19, JHJK22, RJK+20, WMZL24]. **Emerging** [KP18, NWA20, YDS+15]. **Emerging-Pattern** [YDS+15]. **Emotion** [CRC+23]. **Employing** [LWLW18, ZHL+21]. **Enabled** [ZWB22]. **Enabling** [HGW+21]. **Encoder** [ZJ24]. **Encoders** [ZLW21b]. **Encoding** [GSI19]. **End** [NWA20, HDC07]. **End-to-End** [NWA20]. **Endogenous** [KSB+21]. **Energy** [DWW22, JKP+21].

**Enhance** [BLW14]. **Enhanced** [AEEBEE20, CS22, LXR+23, LL24, SYZB24, SMY+24, WZZ+22, WWZL23, GXL24, LHZ+23, WDL+21, XLQ+24]. **Enhancement** [YSW+21]. **Enhancements** [LLY+21]. **Enhancing** [MDV11, SLK+24, SMW+24, XML18]. **Ensemble** [BC18, CS22, GBBC24, JV20, LQW+18, LLC+21, LHL+22, NGMQ22, TLL+19, WCS+18, WHC+23, ZSC+23, ZLD14]. **Ensembles** [AHGA14, ABWI23, HSB22, LTB18, NGB18, PC20, RA16, DAR09]. **Entangled** [LLH+24]. **Enterprise** [YWZ+24]. **entire** [YCJK08]. **Entities** [KCR23]. **Entity** [AKM18, BG21, BIPR13, HCC+18, KCR23, WTZL22, ZWYW24, BG07]. **Entity-Based** [HCC+18]. **Entropy** [AZBW21, WSZ12, WSM+18]. **Enumerating** [PSP+18]. **Environment** [ZMW+24]. **Environmental** [HQWW22]. **Environments** [YSW+21]. **Epidemic** [FSXL23]. **Epistemic** [BAC23]. **Equivalence** [JZS23]. **Era** [TWCO16]. **Error** [AKM17, LCLL21, LSH20, MGL+20]. **Error-Tolerant** [MGL+20]. **Errors** [IKK19, WJLL21, LCZ07]. **Establishing** [DWW22]. **Estate** [FXG+16]. **Estimate** [Cos22]. **Estimates** [CMZS15]. **Estimating** [ELH23, JSP15, LLS+21, PV24, WLR+14]. **Estimation** [BLW14, HML+24, KCL+20, LYG+19, NK21, Var22, WSDL19, WCZ+22, YWC24, ZLZ+19, ZZY+23]. **Estimations** [MM12]. **Estimators** [THB18]. **Euclidean** [AH24, CV24, Cos22]. **Evaluating** [JHJK22, MHKG19]. **Evaluation** [GCL+19a, GNMQ21, LQW+18, MCSZ20, WCX24, XRGZ24]. **Evaluator** [GLG+22]. **Evasion** [LV18]. **Evasion-Robust** [LV18]. **Event** [ABSP+18, CFP19, LOW+21, OLL20, PZW+18, PLS+21, WLP18, ZGY+22, APU09, KT09, VFA+15]. **event-based** [APU09]. **Event-Oriented** [PZW+18]. **Events** [HW21, LHN+20, IHS07]. **Evidence** [DKSK22, Lap20, LL24]. **Evolution** [LGZ+23, PLS+21, THB18, ZCF+17, LKF07]. **Evolutionary** [JV20, WWHW19, XZYL12, APU09, CSZ+09]. **evolutions** [LCZ+09]. **Evolving** [BC18, GBBC24, NADR21, WWHW19, ZFH23, CBLH12, DCF+21]. **Exact** [LGF10]. **examples** [MS09]. **Exclusive** [YWZ+24]. **exhibition** [HDC07]. **Existing** [QHW22]. **Exogenous** [KSB+21]. **Expanding** [MS09]. **Expansion** [FFZ+24]. **Experimental** [KSB+21]. **Experiments** [GNMQ21]. **Expert** [DWD+20, DA19, GFM21, HHZ+18, LYT+23, MSC+19, MMMJ16, WLX+23]. **Explainability** [KL23]. **Explainability-Based** [KL23]. **Explainable** [GXZ+22, HL22, LZV24, WZL+23c, ZH23]. **Explainer** [SGM+24]. **Explanations** [SZWR22, SFDW19]. **Explanatory** [SATK20]. **Explicit** [KCP+24, XYW+20]. **Exploiting** [BLW14, FCWQ17, HLL+20, LYZ+24, LLD+24, NTNP18, PSFV13, PMC22, WMW+22, XJW+21, ZPC+16]. **Exploration** [KN18, PA18, RBBV18, SATK20, ZZY+21, vLCV+18, vLCV+19]. **Exploratory** [LZF+15]. **Exploring** [DCF+21, HSY+21, LWC+23, SMK18, WCS+18, XYW+20, YYC+21, YSW+21, ZWSD24]. **Exponent** [PAS24]. **Exponential** [LCLL21]. **Exposure** [CWL+24a, ZS24]. **Express** [CZZ+23, LYG+19]. **expression** [YCJK08]. **Extension** [ZZYY16]. **Extension-Based** [ZZYY16]. **Extensions** [CSSP15, LML+16]. **Exterior** [HCY+23]. **External** [DKSK22]. **Extracting** [LHN+20, KNV07]. **Extraction** [AFZ22, AS21, FYN22, GFHL23, LWLW18, LWH+23, NC22, YWR+19, ZGC18]. **Extrapolation** [LCZ07]. **Extrema** [ZZY24a]. **Extreme** [CS22]. **Extremely** [LZZ+22a]. **Eye** [ASJ+23]. **Eye-gaze** [ASJ+23].

**Face** [HSS+17]. **Facelift** [HCY+23]. **Factor** [AF16, CSHZ21, HL22, Kor10, LLZ+21, RWD23]. **Factor-Bounded** [LLZ+21]. **Factorization** [BNY20, CZH18, CCLZ18, CS22, DSTA22, EC20, GXZ+22, HNHD14, LCLL21, LSS+11, LCF19, LLZ+21, MV14, PKH+17, RABR23, SI24, SGCH23, WDL+21, WLD+23, WLP18, ZHT20, ZGHM21]. **Factorizations** [DKA11]. **Factors** [CRM+23, FCWQ17, HDQ+18]. **Failure** [PSYJ24]. **Fair** [GZSMM24, LXZ+24, LZY+24b, SYZ+24a]. **FairGAT** [KS24]. **Fairness** [BSS+24, CRP+24, JCS+23, KS24, WZLZ23, WCX24, ZMW+24]. **Fairness-Aware** [CRP+24, KS24]. **Fake** [DLZ+24]. **Families** [PCVR22]. **Far** [WCZ+24]. **farms** [ZP09]. **Fast** [AKM20, CPYT21, FSK09, JS21, KN18, KRBK19, MLM21, ME11, QXBT16, SFP10, SKSÇ17, SHF18, SOK+20, SLO+21, WNH15, WCL+23a, WJR+10, ZZG+21, ZTT+20, ZELS24]. **Fast-But-Approximate** [KN18]. **Faster** [BBC+19, BLP21, ZYD+24a]. **Fastest** [SYZ+24b]. **FastHAND** [YWZ+24]. **fatigue** [CSF+12]. **Fault** [CNZ+17]. **Feature** [BJ21, CNY+16, CCC09, GQH22, GFHL23, GSWJ20, GXZ+22, JLD+19, LHL+22, LXZ+24, PKSM21, SZD+23, SFDW19, SYG+24, TL14, THYL24, WYWY19, WHMY17, XWW+24, XXZ19, YYF+16, YWDP16, YLL21b, YYD22, YLL+24, ZLLW23, ZZY+23, ZGY+22, ZH21, ZZYW22, YLK13]. **Feature-Based** [BJ21]. **Feature-preserved** [CCC09]. **Features** [BAMK18, GCL+19b, HKR+23, LWZ14, RLDL24, YDS+15, ZFW22]. **Featuring** [YWC+16]. **FedEgo** [ZMC+24]. **Federated** [CWY+23, HWZ+24, MYC+24, THYL24, YHLC23, YCW+24, ZMC+24, ZFL+24]. **Feedback** [DWD+20, HDQ+18, XYW+20]. **FETILDA** [XRGZ24]. **Few** [DWL+24, LSL+22, RYM+24, WDH+24, ZFL+24]. **Few-Label** [ZFL+24]. **Few-Shot** [DWL+24, RYM+24, WDH+24]. **Fiber** [HW21]. **Field** [JLH+13, TLG+23]. **fields** [WC12]. **FiFrauD** [KG24]. **Fight** [YLL+21a]. **Filter** [PXW+22]. **Filtering** [CTX+17, HDQ+18, LLC+21, LZY+24b, LHZ+24, LWG+24, NK20, ZSM22, Kor10]. **Filters** [dVKCC11]. **Finance** [ZZY+24b]. **Financial** [KG24, XRGZ24]. **Finding** [BBC+24, CKMS08, DA19, hDRNlD21, GFM21, JPJ+22, RTG17, SSL+23, WLX+23]. **Fine** [XZSY19]. **Fine-Grained** [XZSY19]. **First** [Bur21, CRGP14]. **Fisher** [SZF+23, PSFV13]. **Fit** [YHCL12]. **Fitness** [LGS+23]. **FitRec** [LGS+23]. **Fitting** [CHZ23]. **Five** [BCK+18]. **Fixed** [DERU17]. **Flexible** [CGZW16, HWZ+24, SHF18, ZB20]. **Flow** [BHW+17, CLT+20, CZW+24, FLL+22, JCS+23, JDE+12, LLL+23b, LOM22, LH22, MRC+22, RLDL24, SZLP16, XLL+21, YWG+22, ZZXY21]. **Flow-Based** [BHW+17, LOM22]. **Flow-Level** [JDE+12]. **Flows** [SAS16]. **fly** [GBBC24]. **Following** [ABW20]. **Forecasting** [CRM+23, CXWH24, CHZ23, DCF+21, DSL+24, DDY+24, FFZ+24, JSF+24, LCLL21, LLC+22, LLL+23b, LYC+23, LYGG22, LGZ+23, ZGY+22, VALF12]. **foreground** [KUU10]. **Forest** [BC24, MWL+22, LHN+20, MWL+22]. **Forest-distances** [BC24]. **Forgetting** [MH22]. **Form** [JRC+23]. **Formal** [Bal13, CMS23]. **Formulation** [GHT+24, KRPS12]. **Forums** [BWD10]. **Fourier** [LWZ14]. **Framework** [AHGA14, ACE20, ABW20, BBB+22, BLW14, GF23, HLZH18, HCY+23, KZM+23, LT10, LWH+24, MM12, PFTR16, PSYJ24, RYM+24, TYG+15, TLZ+20, WLW+19, WTD24, WXT+24, WZZ+24, WJR+10, XRGZ24, XKW+14, XLT+20, ZWG+19, ZWYZ24, ZWWH20, ZLD14, ZYH19, ASHK14, APU09, DG10, GG08, HGV+08,

JTYY10]. **Fraud** [HSS+17, KG24]. **FrauDetector** [YZH+18]. **Fraudulent** [YZH+18]. **Free** [Ang20, CZH18, XZ23, BFPP07]. **Frequency** [MN20, WCZ+22, ZB20, ZFH23]. **Frequent** [NADR21, RU14, RGAÁC+24, ZLT+15, CX10, GMSS13, HDC07, JP09, MXC+07, THD+08, TVK10, ZCS10]. **Friendly** [Tat19]. **Friendship** [NK21, WLS+23]. **FSPMiner** [RGAÁC+24]. **Fukunaga** [PSFV13]. **FulBM** [ZELS24]. **Fully** [DERU17, SOK+20, SCS20, ZELS24, ZWYZ24]. **Function** [JK22, KSV+16, YTH18]. **Function-on-Function** [YTH18]. **Functional** [LLW+21, ZHT20, ZP23]. **Functions** [ES15, HST+23, SATK20, SYZ+24a]. **Fused** [LCG+18]. **Fusion** [ASJ+23, CWWL24, LJL+23, LHG+24, LF23, WPW23, YSLL24, ZYS+21]. **Fusion-based** [YSLL24]. **Fuzzy** [LLLW22, LL24, RWD23, ZZZ+20b].

**G** [BMTT18, ZLY+20a]. **G-RoI** [BMTT18]. **G-Skyline** [ZLY+20a]. **Game** [LFXC24, SRVM24, XLT+20, ZLT09]. **Games** [JSV+15]. **Gaming** [JSV+15]. **GAN** [ZLD+23]. **Gap** [LYWL12, ZKCY07]. **Gap-Constrained** [LYWL12]. **Gate** [LYN+24]. **Gated** [CLT+20]. **Gauge** [VMR17]. **Gaussian** [LCLL17, SM23]. **gaze** [ASJ+23]. **GBAGC** [XKW+14]. **GCN** [CS24, XLS24]. **Gender** [BSK24]. **Gene** [KZZ+20, YCJK08]. **General** [CPP20, HLZH18, KZM+23, WLL+21, XKW+14, ZJL+14]. **Generalization** [DSL+24, LWB+24, SMW+24, SYXZ23, YMX+23]. **Generalized** [Cos22, LFXC24, WLD+23]. **Generalizing** [AF16, HZL20]. **Generate** [RLDL24, VFA+15]. **Generating** [Che18, DLZ+24, SB21b, WTD24, WNC+18]. **Generation** [ALW+24, Han24, HGW+21, QWH+24, TZR24, ZLY+20b, THD+08]. **Generation-based** [Han24]. **Generative** [CWL+24b, MHS20, PNB24, RYM+24, WDL+23, XZYL12, ZLD+23, ZJJ+24]. **Generator** [HGW+21]. **Generic** [HZL20, WSZZ14, WDF22]. **genome** [ZZW09]. **genome-wide** [ZZW09]. **Genuine** [SB21b]. **Geo** [CLYC23, HCY+23]. **Geo-Tagged** [CLYC23]. **Geographic** [FXG+16]. **Geolocation** [BPW+18]. **Geometric** [CGL+23]. **Geometrically** [BC18]. **Geometry** [SRVM24]. **Geospatial** [RGL+23]. **Geospatial-temporal** [RGL+23]. **Geotagged** [BMTT18]. **GGATB** [CSZ+21]. **GGATB-LSTM** [CSZ+21]. **GLAD** [YHL15]. **Global** [AFZ22, CSZ+21, DERU17, LHZ+23, LZG+24, LYF+24, XXG+24, ZLLW23, YLL+24]. **glycobiology** [HAKU+08]. **GN** [JS21]. **GNN** [CSM+24]. **Going** [RZF+24]. **Good** [LCW24]. **GOOWE** [BC18]. **GPS** [JCC23]. **GPU** [YLL19]. **GRACE** [KZM+23]. **Gradient** [AF16, WYG+17]. **Gradients** [XWZ+22]. **Grained** [XZSY19, ZFWC18]. **GrammarViz** [SLW+18]. **Granger** [AZBW21, LHS+21]. **Granularity** [LHG+24, LYF+24]. **Graph** [BHW+17, BMZY21, BBK19, CCV19, CWL+24b, CCLZ18, CTC+22, CRM+23, CCTW23, CRP+24, CXWH24, CE24, CFX+24, CLJC24, CQH+24, CGZW16, CGL18, DWH+23, DWL+24, Dor21, DIB24, FH14, FJZT24, GYX+22, GF23, GFHL23, GWZZ17, Han24, HAK+23, HST+23, HSS+17, HF24, HYYT21, HLH+24, JPJ+22, JYY+21, JCB+16, Jia24, JZX+23, JS21, KCR+24, KZM+23, KKB22, KMH+24, KG24, KCR23, KS24, KSV+16, KCP+24, LKF07, LFY+23, LJL+23, LHZ+23, LWC+23, LYT+23, LLZ+23, LLL23a, LWWW24, LZY+24a, LFXC24, LJK18, LLG+23, LWW+21, LGZ+23, LXR+23, LCX+23, LHZ+24, LILJ24, LZLJ24, LFL+23, LF23, LJG+24, MLM21, MNK18,

NLG16, NLA23, OGT+21, Pap15, PE20, PKH+17, QHW22, RZY+23, RZF+24, RQM+24, RBF+21, SKSÇ17, SYK22, SOK+20, SLO+21, DTU21, SYZ+24b, SSL+23, SJHY24, SMY+24, TLG+23, Tat19, WZZ+22, WDF22, WZWC23, WWG+23, WCHH23, WPW23, WGL+23, WDH+24, WOGZ24, WQZ+16, WLS+23, WPDZ21, WMW+22, WZB+23, WZL+23c]. **Graph** [XLL+21, XLS24, XKW+14, XSZ+22, XXO+24, YYS+24, YWR+19, YSY+22, YZZ22, YWL+24, YL24, YSLL24, YZH+18, ZZ23, ZGHM21, ZHL+21, ZLT+23, ZL23, ZZY24a, ZHLZ24, ZZY+24b, ZZF24, ZMC+24, ZLZ+24, ZYD24b, ZJ24, ZZY+21, ZLDL23, ZLSC24, ZZZ+20a, ZCL+22, ZHSL23, ZMZS23, ZCL24, ZBAG20, JP09, WMZL24, SLL+22]. **Graph-Based** [BBK19, GYX+22, HSS+17, KCR23, CCTW23, GFHL23, LWWW24, ZL23]. **Graph-Enhanced** [WZZ+22]. **Graph-Level** [RZF+24, LJG+24]. **Graph-Mining** [YZH+18]. **Graph-Regularization** [ZZ23]. **Graphical** [LYN+24]. **Graphlet** [CL18]. **Graphlets** [RAC+21]. **Graphs** [ANK14, AAB+24, AKM20, BBC+19, Bur21, BGC14, CTP+16, CZY11, DPDG18, EGT14, HCH+24b, KTA+11, LRK+19, NADR21, NLA23, PA18, QZB+23, RU18, SÖ22, SMW+24, WZL+15, WBL21, WLX+23, WN22b, XZ23, ZFH23, ZWYZ24, ZWC+23, ZZY+21, APU09, CBLH12, KNV07, ZMC+24]. **GRASP** [HST+23]. **Grassmann** [HLC19, WHG+18]. **Greedily** [CDSV16]. **Greedy** [WGYC21]. **Grey** [NGB18]. **Grid** [YWC24, ZCC+24, TC09]. **GrOD** [XWZ+22]. **Grounded** [LWG+22]. **Group** [BSS+24, CXWH24, LCG+18, LLLW22, SFP10, SRBC22, SYLC16, SH15, TC18, WWLM23, XWW+24, YHLC23, YHL15, ZCF+17, TLZ+08]. **Group-Aware** [CXWH24]. **Group-based** [YHLC23]. **Group-Wise** [XWW+24]. **Grouping** [CSZ+21]. **Groups** [LSGZ19, DMG+21]. **Growth** [DMI12]. **GT** [TC18]. **Guarantee** [hDRNlD21]. **Guarantees** [BIPR13, RU14]. **Guest** [EK12, TWCO16, vLCV+19]. **Guided** [BMZY21, BGJV12, KS21, LF18, SNH+13, LZG+24, THD+08].

**HADI** [KTA+11]. **Handwritten** [MG24]. **Harnessing** [YJT+24]. **HARP** [WZ21]. **Hash** [PSYJ24]. **Hashing** [CSSP15, LWW+23b, MWL+22, WSZ+16, ZZLZ21]. **Hashtag** [CMBT22]. **Hashtags** [CMBT22]. **HCBST** [SKM+22]. **Head** [WWW+16, WPD+24]. **Head-Modifier** [WWW+16]. **Headline** [ALW+24]. **Health** [LVH+21, TWCO16]. **Healthcare** [KFI+23, MFHL10]. **Heat** [HYYQ15]. **heavy** [CKMS08]. **Heterogeneity** [YYF+16]. **Heterogeneous** [AS21, CQH+24, DKSK22, DPDG18, GMS21, HLZH18, HSY+21, HFL+22, JYY+21, JZX+23, KCR+24, KFI+23, LAN+18, LSGZ19, LVH+21, LZZ+22b, LWG+24, PC20, PLS+21, QCD+19, QZL23, RAC+21, SBZR19, SNH+13, TLZ+20, WLX+23, WLS+24, WLH24, WSZ+16, WMW+22, WN22b, YTL18, YSLL24, ZGHM21, ZWLS22, ZXL22, ZYS+21, ZL15, ZHS+19, HNH+13]. **Heterogeneous-Length** [QCD+19]. **Heterophily** [HLH+24]. **Heuristic** [ZLZ+19]. **HGV4Risk** [LZG+24]. **Hi** [RZF+24]. **Hi-PART** [RZF+24]. **Hidden** [FCWQ17, WLHH23, FSK09, ZCS10]. **Hierarchical** [CMZS15, CHY+24, CRGP14, FLC23, GY15, IAB22, JPJ+22, LZG+24, LYN+24, LTB18, LWY16, LLB+22, PZW+18, RZF+24, SLL+23, SWD+21, WZLZ21, WZ21, WDL+21, WPW23, WGL+23, WDH+24, ZLHZ24, ZLD14, CKMS08]. **Hierarchies** [SCS14]. **High** [DGB16, GFL+24, LDS+22, MFHL10, OJLD22, PGR18, SB24, SHF24, WZL+23b, WTD24, WHMY17, WLT19,

XKH+16, ZHL+21, ZZY+21, KKZ09]. **High-Dimensional** [MFHL10, PGR18, SHF24, XKH+16, KKZ09]. **High-Order** [GFL+24, WZL+23b, ZZY+21]. **High-Quality** [ZHL+21]. **High-Speed** [DGB16]. **High-Utility** [LDS+22, WLT19]. **High-Value** [OJLD22]. **Higher** [PMC22, ZHL+21]. **Higher-order** [ZHL+21]. **Hilbert** [CV24]. **Historical** [CTC+22]. **History** [XLQ+24]. **History-enhanced** [XLQ+24]. **HITS** [KMH+24]. **HITS-based** [KMH+24]. **hitters** [CKMS08]. **HIVE** [LTB18]. **HIVE-COTE** [LTB18]. **HMM** [HCZ+14]. **Holistic** [YWS+22]. **Homogeneity** [HTT+24]. **Homophily** [LLG+23]. **Homoskedastic** [SM23]. **hop** [ZELS24]. **Household** [ASPT21, JKP+21]. **Housing** [LYG+19]. **Human** [AKM17, BTBg22, DDL24, HLL+20, LTN+21, SKW+21, VLK+23, YLHY20, YWC+16, YDW+23]. **Human-** [VLK+23]. **Human-in-the-loop** [DDL24]. **HUSP** [ZYD+24a]. **HUSP-SP** [ZYD+24a]. **HW** [MWL+22]. **HW-Forest** [MWL+22]. **Hybrid** [BPW+18, CMQ19, LYTZ22, LWC+23, SKM+22, ZWC22]. **Hyperbolic** [ZWLS22]. **hypercubes** [WAD12]. **Hyperedges** [WN22a, AMIL13]. **Hypergraph** [HTT+24, JBGW24, LZL+23, WN22a, LLD+24]. **Hypergraphs** [AASL23, BBC+24, CYL+24, SCS20, LK20]. **Hyperparameters** [SYXZ23]. **Hypothesis** [LZF+15].

**ICU** [LSS+22, WLC+17]. **ID** [CXL+24]. **ID-SR** [CXL+24]. **Identification** [ABSP+18, HL22, KP18, NLG16, ZTL15a]. **Identified** [LSL+22]. **Identify** [HKR+23, SH15]. **Identifying** [ASPT21, ERSK14, ZS24, ZWG+19]. **If** [GW21]. **iGRM** [NGB18]. **iHypR** [AMIL13]. **IID** [YHLC23]. **Image** [LWB+24, LZL+22, LWW23a, PSYJ24, RBBV18, RQM+24, XCL22, YSG+21, ZZG+21, ZZLZ21, ZZZ+20a]. **Images** [MG24, YCJK08]. **Imbalance** [BSS+24, RWD23, SI21, SKM+22]. **Imbalanced** [CHZ23]. **Impact** [GSI19]. **Implicit** [HDQ+18, KCP+24, LXR+23, LWG+24, SGC+23]. **Importance** [JYY+21, ZH21]. **Imprecise** [YWC24]. **Impression** [LSH+22]. **Improve** [SYXZ23, XL16]. **Improved** [BBK19, BJ21, DKSK22, NGB18, YWW+21]. **Improvement** [CGL+23]. **improvements** [WAD12]. **Improving** [CSM+24, CDSV16, LHZ+24, ML15, WMZL24, XJZ21, ZGC18, ZXL22, ZWH+16]. **Imputation** [ABWI23, MGL+20, PFC+24, PNB24, YWC24]. **In-Processing** [WZLZ23]. **Inaccurate** [NGMQ22]. **Incoherent** [CLY12]. **Income** [ASPT21]. **Incomplete** [LCN14, LL24, NGMQ22, ZTT+20, ZJJ+24]. **Incorporated** [LCF19]. **Incorporating** [DWD+20, HDQ+18, SJHY24, ZGC18]. **Increased** [ZS24]. **Incremental** [CSX21, GQH22, STP+08, WJLL21, YZH+18, ZZYY16, ZGY+22]. **Incrementally** [CBLH12]. **Independence** [ZXZ+23]. **Indexing** [MRJ11, RBBV18, XJZ21, ZHSL23]. **Indirect** [WSR+16]. **Individual** [HML+24, LVH+21]. **Individuality** [GF23]. **Induced** [LF23]. **Inductive** [DIB24, QZB+23, SJHY24]. **Industrial** [GHT+24]. **Industry** [SMS22]. **Infer** [YTL18]. **Inference** [CTX+17, CZH18, CMQ19, DWH+23, GY15, LH22, LGF10, RABR23, SRVM24, WZX+23, WZB+23, XZLL21, XZSY19, YCL+21, BG09]. **Inferring** [ABW20, GRLK12, LYL+20, THRR16, SSK+10]. **Infinite** [CXL+24]. **Influence** [BAC23, CYY+22, CDV21, GRLK12, GW20, GW21, HK18, HLL+20, LGG+23, LXY+17, QZL23, TKT+24, WLL+21, WGYC21, YMPH20, YWR+23, ZTL+15b, ZL15]. **Influenced** [ZTL+15b]. **Influencer**

[LCCM19]. **Influencers** [SAS16]. **Influences** [LSZ+19]. **Influential** [GW21, DMG+21]. **Infomax** [SLL+22]. **Informatics** [YYF+16]. **Information** [ASJ+23, BLW14, CKC+18, DMI12, ERSK14, GWZZ17, HGW+21, HML+20, HLZH18, HFL+22, JCS+23, LWCZ24, LWLW18, LWC+23, LLL23a, LAN+18, LK15, LLX+24, MRC+22, MCS+18, ML15, PLS+21, QSS20, RKR18, RZY+23, RLDL24, SBZR19, SGM+23, SGC+23, SZLP16, SH15, SAS16, SNH+13, VLK+23, WCL19, WCHH23, WPW23, WMW+22, XW22, XL15, XKH+16, YLHY20, YWH+15, YDW+23, ZGHM21, ZHL+21, ZWLS22, ZXL22, ZWH+16, ZYS+21, ZL15, ZHS+19, ALB09, CT14]. **Information-aware** [LWCZ24]. **information-seeker** [ALB09]. **Information-Theoretic** [XKH+16]. **Informative** [WGL+23, MVT12]. **Informed** [GLMW22, RQM+24]. **infrequency** [GMSS13]. **Initiator** [ABSP+18]. **Inner** [CO18]. **Input** [CSM+24]. **Inputs** [ADK+16]. **Insensitive** [CYY+22]. **Insights** [LGZ+22]. **Inspecting** [WCZ+24]. **Instance** [BFRL13, LL24, LGT+24, MYL+21, SWY+24]. **Instrumental** [YWK+22, YMX+23]. **Insufficient** [LZL+22]. **Integrated** [GXLC21, GSWJ20]. **Integrating** [CGZW16, SNH+13, WZL+11, ZLLW23]. **Integration** [RYM+24, ZH23]. **Integrity** [LOW+21]. **Intelligence** [HL22, WGL+23, ZPSYY10]. **Intelligence-Based** [HL22]. **Intelligent** [SMS22]. **Intention** [CZW+24, YSW+21]. **Intentions** [JCQ+23]. **Inter** [VFA+15]. **Inter-event** [VFA+15]. **Interaction** [JYY+21, SYG+24, APU09]. **Interactions** [CO18, LLH+24, LZZ+22b]. **Interactive** [KN18, LL19, LHG+24, MCS+18, PA18, RBBV18, SGM+23, SLW+18, WSM+18, vLCV+18, vLCV+19]. **Interconversion** [NZW23]. **Interdependence** [WCS+18]. **Interest** [BMTT18, LYL+20, QHW22, XYGC21, OJW+23, WCHH23]. **Interesting** [AASL23, RV20, WV14, Web10]. **Interference** [HML+24]. **Internal** [MCSZ20]. **Internet** [NGB18]. **Interpretable** [FAV23, JRC+23, SZWR22]. **Interpretation** [HP20]. **Intersections** [HXY+19]. **Interval** [LSS+22]. **Intervention** [CSM+24, FSXL23]. **Intricate** [LZY+24a]. **Introduction** [ACPW13, Agg17, BBD+07, CT14, GL15, Han07, LSY+09, SLTA11, WL16, XL20, ZKYW08, vLCV+19]. **intrusive** [SCCM22]. **Invariant** [GJDX14]. **inverse** [GMSS13]. **Involving** [NS23]. **IoT** [DMGC21]. **IREOS** [SLK+24]. **Irregularly** [TR22]. **Isolation** [LTZ12]. **Isolation-Based** [LTZ12]. **Iss** [vLCV+19]. **Issue** [ACPW13, Agg17, EK12, GL15, SLTA11, TWCO16, Wan10, WL16, XL20, ZPSYY10, vLCV+18, vLCV+19, BBD+07, CT14, GSTC12, LSY+09, MG09, ZKYW08]. **Item** [FCWQ17, GLF+22, NK20, ZLC20, WCHH23, WWLM23]. **Item-based** [NK20]. **items** [Web10]. **Itemset** [WCZ+22, WLT19, CX10, GMSS13]. **Itemsets** [RU14, SB24, LNR08, MVT12, Web10]. **iterated** [WAD12]. **Iterative** [JS21, SYD+16]. **IV** [YWK+22].

**Joint** [AFZ22, GEG+08, GFHL23, GFL+24, LH22, RABR23, SKW+21, TYW+21, ZGHM21, ZFWC18]. **Jointly** [LZZ+22b, YYF+16, ZZXY21]. **Jumps** [MRTW19].

**Katz** [LLS+21]. **KDD** [Agg17, LGZ+22, XL20]. **KDD'10** [EK12]. **Kernel** [CSSP15, HYYQ15, LCF19, LLL+21, SHL19, ZZL15, SZF+23]. **Kernel-Incorporated** [LCF19]. **Kernelized** [NC22, XKH+16]. **kernels** [MWF08]. **Key** [JPJ+22]. **Keyword**

[AFZ22]. **Kmeans** [MYPB20]. **KNN** [YWW+21, RKC19]. **KNN-Based** [YWW+21]. **Know** [MMMJ16]. **Knowledge** [Agg22, BMZY21, BWD10, CTC+22, LXC+22, LZY+24a, LGZ+21, LZLJ24, LML+16, RQM+24, RBF+21, SWH+23, SRVM24, SJHY24, WNH15, WSR+16, WYWY19, WWG+23, WGL+23, WXT+24, WOGZ24, WMZL24, XWZ+22, ZZYY22, ZLT+23, ZLZ+24, ZLHZ24, ZPSYY10, KUU10, LNR08]. **Knowledge-correlation** [WXT+24]. **Knowledge-Sharing** [BWD10]. **Koontz** [PSFV13]. **KRAN** [ZZYY22]. **Kronecker** [MNK18]. **Krylov** [HSBH19].

**L2MM** [JCC23]. **Label** [AZD+21, BFRL13, GQH22, GCL+19b, LHW+20, LHL+22, LFL+23, LGT+24, MFS24, RKC19, SZD+23, WDL+23, WPD+24, WMW+22, WZX+23, WHC+23, XCL22, YYF+16, YZW+24, ZFW22, ZWB22, ZLLW23, ZZY+23, ZFL+24, JTYY10, PKSM21, SCCM22, WDF22]. **Label-Specific** [GCL+19b, LHL+22]. **Labeled** [MA16, NLA23, YWW+21, HAKU+08]. **Labeling** [YZL+22, ZELS24]. **Labels** [LZZ+22a, WPD+24]. **Lag** [SFP10, AZBW21]. **Landmark** [MDV11, ZELS24]. **Landmark-Based** [MDV11, ZELS24]. **Langevin** [WXB+21]. **Language** [BSK24, CWW+24, LWG+22, WNH15, WZLZ21, WCZ+24]. **Laplacian** [HCH+24b, LCG+18, SHF24]. **Laplacian-based** [SHF24]. **Large** [AOEM17, BHW+17, CTP+16, CZH18, CPYT21, CSX21, CWW+24, CZY11, CKC+18, DHZ24, DKSL18, GJ16, GY15, HSBH19, HQWW22, HLZH18, JYY+21, JCB+16, JDE+12, KTA+11, KRBK19, Lap20, LK20, LLW16, LLS+21, VDMC22, OGAB14, PGR18, RBBV18, SHL19, SATK20, SGM+23, SDS18, SLTA11, WLR+14, WNH15, WZL+15, WCZ+24, WHMY17, XXZ19, XJZ21, YHCL12, ZP15, ZZLZ21, AF09, BBCG10, CRST09, GMSS13, KT09]. **Large-Scale** [AOEM17, BHW+17, CZH18, CPYT21, CKC+18, DHZ24, DKSL18, GY15, HLZH18, JYY+21, KRBK19, LLS+21, VDMC22, SDS18, SLTA11, WNH15, WHMY17, XXZ19, ZZLZ21, SATK20, XJZ21, BBCG10, GMSS13]. **Largest** [SMDHT21]. **Lasso** [LWY16, LCG+18]. **Latent** [CSHZ21, FCWQ17, GSST16, GL22, HDQ+18, IAB22, LZL+22, WSZ12, WMW+22]. **law** [NK21, PAS24]. **Layer** [PSYJ24, THYL24]. **Layer-Wise** [THYL24]. **Layered** [CTX+17]. **Layout** [WBL21]. **Layout-Based** [WBL21]. **LDA** [GXL24, LLY+21, YCJK08]. **Leakage** [KRPS12]. **Learnable** [LHZ+24, ZZ23]. **Learning** [AHGA14, AT17, ASZ21, BJ21, BXF+20, BFRL13, CMBT22, CGL+23, CDC23, CNY+16, CLY12, CCLZ18, CLG+19, CTC+22, CZY+22, CZZ+23, CRC+23, CCTW23, CE24, CLJC24, CQH+24, Con20, CFD10, DKSK22, DKSL18, DWL+24, DPDG18, FFZ+24, FSXL23, FJZT24, GMS21, GQH22, GF23, GZXF16, GCL+19b, GHT+24, GA22, HZL20, HTT+24, Han24, HHL+24, HHZ+18, HCH24a, HZW+15, HML+20, HZM+22, HLZH18, HWZ+24, HLH+24, HF12, IPM12, IHS07, JH22, JRC+23, JYY+21, JKP+21, JYH+23, JCC23, JHC+23, Jia24, JDE+12, JZX+23, JS21, KRBK19, LL19, LXC+22, LYTZ22, LWC+23, LLL23a, LWWW24, LZG+24, LZY+24a, LLH+24, LWZ14, LHL+22, LLG+23, LYL+22, LSZ+19, LSH20, LWG+22, LYGG22, LGS+23, LCX+23, LZY+24b, LLX+24, LHZ+24, LYF+24, LTH+13, LFL+23, LGT+24, LJG+24, MH22, MYC+24, MES22, NGMQ22, OGV22, RZY+23, RZF+24, RLDL24, RYM+24, SM21, SZD+23, SWY+24, SWH+23, SCCM22, SLL+23, SJR08, SMW+24, SKW+21]. **Learning** [SM23, TLG+23, TWC22,

TKT+24, THYL24, Var22, WZLZ23, WC12, WSZZ14, WY15, WLC+17, WCL19, WLD+23, WDL+23, WZL+23b, WWG+23, WJLY23, WDH+24, WZZ+24, WMZL24, WYX+16, WPDZ21, WZL+23c, XW22, XWW+24, XKH+16, XWZ+22, XL16, XXG+24, XXO+24, YTL18, YYC+21, YGL+22, YHLC23, YL24, YW24, YCW+24, YWG+22, YLL+24, YSW+21, ZY14, ZXL22, ZLLW23, ZL23, ZCC+24, ZMC+24, ZFL+24, ZFWC18, ZWWH20, ZGY+22, ZMW+24, ZJ24, ZRJ+22, ZLDL23, ZCZQ19, ZLC20, ZLW21b, ZWSD24, ZGQ+24, ZMZS23, ZCL24, DG10, JTYY10, WZL+23a, YLK13, ZY13, ZFY14, SZF+23]. **Learning-Based** [JKP+21, WSZZ14, TWC22, WZZ+24]. **Legal** [BSK24]. **Length** [ASPT21, MV14, QCD+19, SLW+18]. **Less** [PTL22, RA16, SG12]. **Level** [AS21, CLYC23, CQH+24, JDE+12, LSH+22, RZF+24, SJHY24, XJW+21, LWWW24, LGS+23, LJG+24, SZWR22]. **Leveraging** [GCL+19b, LCW24, LCF19, MA16, YTW+16]. **Lifecycle** [CYOL16]. **Lifelong** [SWH+23]. **Lifetime** [BJ21, LYL+20, WXW+21]. **Lightweight** [YZW+24]. **Likelihood** [DHZ24, NK21, FSK09]. **Limited** [BBC+24]. **Linear** [ASPT21, GSG+20, LLY+21, LBT+23, NWW+20, OGAB14, PBMID14, YHCL12, ZWB22, GMSS13, LCZ07, Vad10, WC12]. **Linearization** [LK20]. **Lingual** [ZWYW24]. **Link** [CGL+23, CDV21, DKA11, JYH+23, RBF+21, WZW+22, WLS+24, WLH24, YLW+19, YL24, ZP09]. **Link-building** [CGL+23]. **Linkage** [OJLD22, dVKCC11]. **Linkages** [HZW+15]. **Linking** [CHY+24]. **links** [KSM09]. **Liouville** [IAB22]. **LIS** [LSZ+19]. **Listing** [AKM20, CC12]. **Listwise** [LWW24, WYX+16]. **Literature** [KP18]. **LLMs** [YJT+24]. **LMACL** [LHZ+24]. **Load** [SCCM22]. **Local** [ACK+22, AFZ22, BLW14, CWY+23, CS24, CRGP14, DERU17, HSBH19, JYD19, LHK+18, LJK18, LYF+24, NLZH20, NYLZ24, NXZ+24, NWW+20, OGV22, SH15, WLC+17, WCL+23a, WLHH23, YLL+24, ZLLW23, ZZY24a, ZZY+21, BBCG10]. **Local-First** [CRGP14]. **Local-to-global** [YLL+24]. **Locality** [CSSP15, YSG+21, ZTL+15b]. **Location** [BTBg22, FYN22, LYT+23, WTD24, WLS+23, XSZY20, YCC+15, YTW+16, ZFWC18, ZPC+16]. **Location-Aware** [FYN22]. **Location-Based** [WLS+23, YCC+15, YTW+16, ZFWC18, ZPC+16]. **Locations** [VDMC22]. **Log** [YWW+21]. **Logs** [WQZ+16]. **Long** [FLL+22, HZL20, HCC+18, JRC+23, JHC+23, LLB+22, LHG+24, XRGZ24, ZZY24a, ZLHZ24]. **Long-** [JHC+23]. **Long-Form** [JRC+23]. **Long-range** [FLL+22]. **Long-Tail** [HCC+18, ZZY24a]. **Long-Tailed** [ZLHZ24]. **Longitudinal** [BTBg22, PNB24]. **loop** [DDL24]. **LoSAC** [CWY+23]. **Loss** [ES15, HP20]. **Lost** [MES22]. **Low** [CLY12, CCT+23, JCC23, LSF18, WN22b, YSG+21, ZSC+23]. **Low-Quality** [JCC23]. **Low-Rank** [CLY12, LSF18, WN22b, CCT+23, ZSC+23]. **LSAB** [HHL+24]. **LSTM** [LYGG22, CSZ+21].

**Machine** [CS22, CMQ19, JLD+19, JDE+12, JSG+19, LCLL21, LYGG22, RWD23, SMS22, SLL+23, TWC22, WZLZ23, XW22]. **Machines** [PBMID14, AGHN13]. **Main** [AS21]. **Maintenance** [ZELS24]. **Make** [LCWC20]. **Making** [GXZ+22]. **Malice** [CZW+24]. **Managing** [KFI+23]. **Manifold** [CCT+23, HQYY14, HNHD14, HF12, LWW23a]. **Manifolds** [HLC19, WHG+18]. **Manipulation** [CTP+16]. **Manipulations** [SKSÇ17]. **Manufacturing** [ZH16]. **Many** [LWZ14]. **Map** [AOEM17, JCC23, PSYJ24]. **Mapping** [CMBT22, GCL+19b, ZHLZ24, ZCL19].

**MapReduce** [ADK+16, LDS+22]. **Margin** [GZXF16, TVK10]. **Marginal** [CWF+13]. **Marginalized** [WDF22]. **Marked** [SYZB24]. **Market** [LYGG22, XL16]. **Marketing** [LCCM19, ZPC+16]. **Markov** [FSK09, IHS07, LWB+22, WC12, ZCS10]. **Markov-modulated** [IHS07]. **Masked** [ZJ24]. **Mass** [LH22]. **Massive** [KSV+16, DTU21, WCZ+22, ZZY+21, CC12]. **Massive-Graph** [KSV+16]. **Matching** [AOEM17, BG21, BIPR13, CWF+13, CZY+22, CGL18, CXH+20, JRC+23, JCC23, LYT+23, LWW+21, MAHT18, WSC+17, ZHL+21, TLZ+20]. **Math** [QWH+24]. **Mathematical** [XL15]. **Matrices** [DSTA22, GJ16, YWG+22]. **Matrix** [CZH18, CXH+20, DKA11, EC20, HNHD14, LCF19, LLZ+21, LJW+22, MV14, PKH+17, RABR23, SI24, SGCH23, WNH15, WDL+21, WLD+23, WWLM23, ZZ23, ZGHM21, ZSC+23]. **Matroid** [CPP20]. **Max** [GZXF16]. **Maximal** [SMDHT21, TVK10]. **Maximally** [CLG+19]. **Maximization** [BAC23, CPP20, CDV21, GW20, GW21, HK18, LGG+23, LWW18, QZL23, TKT+24, WLL+21, WWLM23, WGYC21, YMPH20, YWR+23, ZLGY24, ZZ10]. **Maximizing** [ZS24]. **Maximum** [BBC+24, NK21, WSZ12, WSM+18]. **MBN** [SOL22]. **McNemar's** [MAHT18]. **MCRapper** [PCVR22]. **MCS** [LWS22]. **MDL4BMF** [MV14]. **Mean** [LHZG13]. **Means** [MM12]. **Measure** [AEEBEE20, ABS19, AF16, Ang20, CG15, Cos22, DSL+14, SRVM24, ZHS+19, ZLW+21a, ZWSD24]. **Measurement** [WXB+21, ZH21]. **Measures** [BSS+24, LK15, DD09]. **Measuring** [BSK24, KNV07, LWB+22, WC15]. **Mechanism** [CC19]. **Mechanisms** [KS21, XCL22]. **Med** [JXGZ19]. **Media** [AEEBEE20, BMTT18, CYT+17, LPK+15, LLD+24, THRR16, TL14, WLG+24, YHL15, YTW+16, ZTL15a, ZH23, ZFH23]. **Medical** [CSZ+21, JXGZ19, LWB+24, YYF+16]. **MEDLINE** [TS09]. **meet** [CBRB09]. **Meets** [CCLZ18, GF23, ZBL+20]. **MEGA** [WOGZ24]. **Melody** [ZLY+20b]. **Membership** [CO18, PXW+22]. **Memo** [CZH18]. **Memo-Free** [CZH18]. **Memory** [DERU17, HZL20, JSE+23, LJK18, QWH+24, RKC19, SYZB24, YHCL12]. **Memory-Efficient** [LJK18]. **Memory-Enhanced** [SYZB24]. **Mental** [LVH+21]. **MeSH** [XJZ21]. **MeSHProbeNet** [XJZ21]. **MeSHProbeNet-P** [XJZ21]. **Meso** [LHW+21]. **Message** [BGSW13]. **Message-Passing** [BGSW13]. **Meta** [DWL+24, HKR+23, HFL+22, SNH+13, THYL24, WPW23, WZL+23a, WOGZ24, YHLC23, ZMW+24, ZHS+19]. **Meta-Features** [HKR+23]. **Meta-Graph** [WOGZ24]. **Meta-Information** [WPW23]. **Meta-Learning** [DWL+24, THYL24, ZMW+24, WZL+23a, YHLC23]. **Meta-Path** [HFL+22, SNH+13]. **Meta-Structure** [ZHS+19]. **Metagraph** [LSS+11]. **Method** [DMGC21, CTC+22, CG23, CWY+23, DHZ24, FLG+21, HLC19, LLC+21, LZL+22, LHS+21, LZX22, LLX+24, OJLD22, QZB+23, DTU21, WSZZ14, WBL21, WZW+22, WCL+23a, YLL19, YWW+21, YDW+23, DD09]. **methodologies** [CT14]. **methodology** [SSK+10]. **Methods** [CMS23, CSSP15, Jia24, LBT+23, LWW+23b, MG24, PDK24, Var22, ZP23, ZH21, DAR09]. **Metric** [GJDX14, HZM+22, XKH+16]. **Metrics** [HML+20]. **MGAN** [LSL+22]. **Micro** [LHW+21, YWC+16]. **Micro-Blog** [YWC+16]. **Micro-Meso** [LHW+21]. **Microaggregation** [GZSMM24]. **microarray** [LTN+08]. **microarray-based** [LTN+08]. **Microblog** [GCL+19a, PZW+18, WWZL23]. **Microblogging** [YWH+15]. **Microblogs** [CMBT22]. **microeconomic** [ZLT09]. **MIE**

[ABWI23]. **MIE-TS** [ABWI23]. **miner** [HDC07, WLL+22b, WCL+23b]. **Minimization** [CPYT21, LCLL21, TLL+19, WHG+18]. **minimize** [KSM09]. **Minimum** [ASPT21, MV14, XZ23]. **Mining** [AEEBEE20, AK15, BB17, CL18, CO18, GM18, GLFV+19, GLZ+21, GLMW22, GZXF16, GLW+23, HH19, HYYT21, HGY24, JH19, JP09, JCB+16, KTA+11, KR16, Lap20, LYWL12, LDS+22, LHS+21, LLB+22, LGZ+23, LXR+23, LWH+23, LML+16, MHKG19, NADR21, PCVR22, PZW+18, PLL+10, QSST18, RCM+13, RV20, RGAÁC+24, Row16, SMDHT21, SMS22, SHF18, SB24, SAS16, SLTA11, TYG+15, Var22, WZL+16, WLC+17, WDDB20, WTD24, WLT19, WLL+22b, WCL+23b, YYS+24, YZH+18, YDS+15, ZKCY07, ZLT+15, ZDY+22, ZYD+24a, ZWH+16, AF09, CX10, GMMT07, GG08, GMSS13, HAKU+08, JMR08, KRPS12, RPT10, THD+08, TVK10, ZCS10, ZLT09, MMMJ16]. **MIP** [RZY+23]. **MIRROR** [LXR+23]. **misclassification** [BG09]. **Misconceptions** [RJK+20]. **Misinformation** [LLD+24, NZW23, ZZY24a]. **MiSoSouP** [RV20]. **Missing** [BAMK18, ERSK14, MGL+20, WGC+23, YYD22, BC24]. **Misuse** [SBRE14]. **Mitigating** [AZD+21, BSK24]. **Mix** [KL23]. **Mix-Up** [KL23]. **Mixed** [CZZ+23, CO18, MRC+22, YWL+24]. **Mixed-Membership** [CO18]. **Mixture** [LLW+21, ZCL19, SJR08]. **mixture-of-subsets** [SJR08]. **ML** [LGG+23]. **ML-Based** [LGG+23]. **MLP** [LYF+24]. **MMORPG** [JPJ+22, WZZ+24]. **Mobile** [AOEM17, HLL+20, HCZ+14, LWG+16, LZLJ24, OGT+21, QSST18, SDS18, WSDL19, XYZ+20]. **Mobility** [BGWSB19, HLL+20, VDMC22, WYG+17, WLL+22a, YDW+23]. **Modal** [WSZ+16, ACE20, CWW+24, LHG+24, YHZ+24]. **Mode** [CWF+13, SCS14, WY15, YTH18]. **Mode-Sparsity** [YTH18]. **Model** [AZD+21, ASZ21, BMZY21, CDC23, CCLZ18, CS22, CWW+24, DMI12, DSTA22, DDL24, DWW22, DGB16, GXZ+22, IAB22, JCQ+23, JYD19, JLZ+22, LZP20, LWC+23, LLL+23b, LOM22, LDS+22, LGF10, LHZ+24, LML+16, MHS20, NGB18, SLK+24, SLL+23, VAFZ19, WZLZ21, WZ21, WWZL23, WOGZ24, WCZ+24, WJR+10, YZW+24, YWG+22, YZL+22, ZCF+17, ZCC+24, ZCL19, DD09, HAKU+08, LCZ07, SJR08, THD+08, ZCS10]. **Model-Agnostic** [WJR+10]. **Modeling** [AFZ22, ALB09, CYOL16, CE24, CYT+17, FLL+22, FXG+16, FN24, GCG22, HHL+24, HLCR20, HML+24, HF12, IYSU12, JSF+24, JHC+23, KHTR18, LLC+22, LFC+17, LCG+18, LZZ+22b, PFC+24, PL10, QCD+19, QHW22, RGL+23, SYZB24, SOL22, TBW23, TYW+21, WZLZ23, WLL+21, WCHH23, XL15, XZLL21, YYF+16, YCC+15, ZB20, ZZXY21, ZZY+24b, LSY+09]. **Modelling** [GXL24]. **Models** [ASPT21, BJ21, BSK24, CSHZ21, CO18, GMS21, GA22, JCC23, LRK+19, LLW+21, MNK18, STD+18, WZL+16, WSM+18, XZYL12, DD09, FSK09, WC12]. **Modifier** [WWW+16]. **Modular** [JDE+12]. **modulated** [IHS07]. **Molecular** [XKH+16]. **moment** [DD09, SYZB24]. **Money** [WZZ+24]. **Monitoring** [SCCM22, TDLM19, XZXW18]. **Monte** [PCVR22]. **Monte-Carlo** [PCVR22]. **Most** [WV14, MVT12]. **Motif** [BLP21, LHW+20, SSK+10, WLR+14, BCK+18]. **Motif-Aware** [LHW+20]. **Motifs** [AK15, GSST16, HTT+24, SYXW22, DTU21]. **Motisf** [SSL+23]. **Motisf-aware** [SSL+23]. **Motives** [LFC+17]. **Movement** [ABW20]. **Moving** [WYG+17, ZBL+20]. **MP** [BXF+20]. **MSIPA** [LSS+22]. **MULFE** [LHL+22]. **Multi** [ACE20, ASPT21, AFW+21, BXF+20,

BFRL13, CTX+17, CLYC23, CFX+24, CQH+24, CWW+24, CGZW16, CHZ23, CWWL24, DWH+23, DDY+24, GLZ+21, GMS21, GF23, GFHL23, GFL+24, GCL+19b, GHT+24, Han24, HYYT21, HSY+21, HWZ+24, HCH+24b, JSF+24, KKB22, LWCZ24, LSS+22, LSF18, LJL+23, LYN+24, LHL+22, LLG+23, LF18, LZX22, LLLW22, LGZ+23, LGS+23, LCX+23, LYF+24, LFL+23, LF23, LGT+24, LWG+24, MH22, MHS20, MFS24, NLA23, OGV22, OGT+21, PKSM21, PXW+22, PZW+18, PMC22, QCD+19, RQM+24, RKC19, SOL22, SZD+23, SCCM22, SLL+23, SYG+24, SKW+21, SJHY24, WLW+19, WDF22, WCZ+22, WDL+23, WWG+23, WCHH23, WCL+23a, WPD+24, WSZ+16, WN22b, WZB+23, WHC+23, XYZ+20, XCL22, YLHY20, YHZ+24, ZFW22, ZLLW23, ZZY+23, ZSC+23, ZFWC18, ZGY+22, ZYH19, ZLY+20b, ZZZ+20b, JTYY10].
**Multi-Agent** [RQM+24]. **Multi-Behavior** [SOL22, LWG+24]. **Multi-Concept** [WWG+23]. **Multi-Context** [JSF+24]. **Multi-destination** [HYYT21]. **Multi-Dimensional** [GLZ+21, PMC22]. **Multi-Document** [QCD+19]. **Multi-Domain** [CGZW16]. **Multi-Fuzzy-Constrained** [LLLW22]. **Multi-Grained** [ZFWC18]. **Multi-granularity** [LYF+24]. **Multi-Graph** [LJL+23, NLA23, OGT+21]. **Multi-Instance** [BFRL13, LGT+24]. **Multi-interest** [WCHH23]. **Multi-Label** [BFRL13, GCL+19b, LHL+22, LFL+23, MFS24, RKC19, WDL+23, WPD+24, WHC+23, XCL22, ZFW22, ZLLW23, ZZY+23, PKSM21, SCCM22, WDF22, JTYY10]. **Multi-Layered** [CTX+17]. **Multi-Level** [CLYC23, CQH+24, SJHY24, LGS+23]. **Multi-Modal** [WSZ+16, ACE20, CWW+24, YHZ+24]. **Multi-Network** [GMS21]. **Multi-objective** [MH22, MHS20, PKSM21]. **Multi-output** [CHZ23]. **Multi-Party** [BXF+20, HWZ+24]. **Multi-relation** [KKB22]. **Multi-Resolution** [ASPT21]. **Multi-Scale** [LSS+22]. **Multi-Scenario** [SYG+24]. **Multi-set** [PXW+22]. **Multi-Source** [WN22b, YHZ+24, ZGY+22, WLW+19]. **Multi-Stage** [HSY+21, SLL+23]. **Multi-style** [ZLY+20b]. **Multi-Task** [GMS21, GHT+24, LCX+23, OGV22, SYG+24, ACE20, YLHY20, ZYH19]. **Multi-Transaction** [WCZ+22]. **Multi-User** [XYZ+20]. **Multi-View** [AFW+21, CFX+24, DWH+23, GF23, GFHL23, GFL+24, LSF18, LYN+24, LF18, LZX22, LGZ+23, LFL+23, LF23, PZW+18, SZD+23, WCL+23a, WZB+23, CWWL24, Han24, HCH+24b, LWCZ24, LLG+23, MHS20, SKW+21, ZSC+23, ZZZ+20b]. **Multi-Way** [DDY+24]. **Multi-weight** [HYYT21]. **Multiclass** [LYL+20]. **Multidimensional** [BB17, MRTW19, PC20, PLL+10]. **Multidocument** [WZL+11]. **Multifaceted** [WZL+23a]. **Multigraphs** [LJK18]. **Multilabel** [WSZZ14, ZZ10, ZY13]. **Multilayer** [Cos22, GBGL20]. **multilevel** [PLL+10]. **Multimedia** [GZXF16]. **Multimodal** [GZXF16, LWG+22]. **Multimodal-Attention** [LWG+22]. **Multinomial** [KRBK19]. **Multiobjective** [SMK18]. **Multiplayer** [JSV+15]. **Multiple** [ABWI23, CLY12, CLT+20, CXH+20, hDRNlD21, HTT+24, HGW+21, IYSU12, JH19, JYD19, LCWC20, LZZ+22b, LHG+24, NYLZ24, SHL19, SWY+24, SYZ+24a, TBW23, WLC+17, WGYC21, WN22b, CFD10, WND+09]. **Multiple-instance** [SWY+24]. **Multiplex** [LWS22]. **multirelational** [JMR08]. **Multiresolution** [SCS14]. **Multisource** [CSF+12, YSLL24]. **Multitask** [LYL+20, ZY14, ZZL15, YLK13]. **Multivariate**

[ES15, LLY+24, LCLL17, TR22, ZLD+23]. **Multiview** [SMK18]. **Music** [ZLY+20b]. **Mutual** [LLL23a, RZY+23, ZLC20].

**Naive** [LLW16]. **Name** [PMC22, TS09]. **Named** [WTZL22]. **Nationwide** [CXWH24]. **Natural** [ABDM21]. **NBA** [VALF12]. **Near** [CCV19, JK22]. **Near-Optimal** [CCV19]. **Nearest** [AF13, WHC+23]. **Nearly** [NK20]. **Need** [LWZ14, PFC+24]. **Negative** [SI24, WLD+23, WCL+23b, ZHT20]. **Neighbor** [AF13, JCQ+23, KCR+24, MA16]. **Neighbor-Based** [AF13]. **Neighborhood** [EGT14, LJX23]. **Neighbors** [JK22, KCP+24, WHC+23, Kor10]. **Neighbors-Based** [JK22]. **Neighbours** [XLS24]. **Neighbours-to-Neighbours** [XLS24]. **Nested** [WTZL22]. **Net** [LJL+23, XSZY20]. **Network** [ANK14, AFW+21, DMGC21, BGSW13, CSX21, CS24, CXWH24, CDSV16, FLL+22, GYX+22, GMS21, GSWJ20, HZL20, HGW+21, HZZ+15, HF24, HXY+19, HSY+21, JLZ+22, KCR+24, KFI+23, KS21, LSS+22, LHW+21, LWB+22, LWWX23, LFY+23, LJL+23, LHZ+23, LLL23a, LYL+22, LVH+21, LGZ+21, LHG+24, MYB19, MRJ11, MNK18, OJW+23, OGT+21, PNB24, QZL23, DMG+21, SYXW22, SGC+23, SWD+21, SYZ+24b, SHH+20, TLZ+20, WCL19, WWW+20, WZW+22, WZZ+22, WZWC23, WLH24, WLS+23, WGYC21, WN22a, XLL+21, XLQ+24, XLS24, XZXW18, XYGC21, XXG+24, YZZ22, YWL+24, YHZ+24, YL24, YSLL24, YLL+24, ZWG+19, ZTT+20, ZGHM21, ZYZZ21, ZWLS22, ZZYY22, ZLT+23, ZL23, ZZY+24b, ZLZ+24, ZYS+21, ZLHZ24, ZRJ+22, ZCL+22, ZJJ+24, ZMZS23, VALF12, JLL14, KSM09, MS09, YWW+14]. **Network-Based** [ZLT+23, SYZ+24b]. **Networked** [GWZZ17, HML+24, ZJJ+24]. **Networking** [GBTL14]. **Networks** [AK15, ADR21, ABS19, BG21, BB17, CSG+16, CDC23, CG15, CTX+17, CL18, CLT+20, CPYT21, CRP+24, CFX+24, CHY+24, CGL18, Con20, Cos21, Cos22, CO18, DWH+23, DHZ24, DPDG18, ERSK14, FLG+21, GBGL20, GCB+21, GXLC21, GJDX14, GRLK12, HSBH19, HQWW22, HLZH18, HDT+18, HFL+22, JCS+23, JCB+16, JYH+23, Jia24, JDE+12, JZX+23, KRBK19, KP18, KMH+24, KS24, LNG18, LWS22, LTN+21, LXC+22, LZL+23, LFXC24, LAN+18, LOM22, LLS+21, LT10, LSGZ19, LLW+21, LXR+23, LILJ24, MSC+19, MLM21, MA16, MRTW19, NS23, NZW23, NYLZ24, PAS24, PLS+21, QZL23, QSS20, RABR23, RJK+20, SYZB24, SBZR19, SYK22, SGM+23, STD+18, SZLP16, SH15, SNH+13, SHH+20, SSL+23, SMY+24, THRR16, TSS22, WZL+16, WLR+14, WWHW19, WLL+21, WJLL21, WCHH23, WLHH23, WLS+24, WLH24, WC15, WLS+23, WPDZ21, WMW+22, WZL+23c, YLW+19, YTL18, YWZ+24, ZS24, ZP15, ZXL22, ZLD+23]. **Networks** [ZHLZ24, ZFWC18, ZL15, ZHS+19, ZPC+16, ZBAG20, AMIL13, AGHN13, CT14, CC12, HNH+13, KNV07, LCZ+09, LTH+13, ML14, WC12, ZFY14]. **Neural** [BG21, CLT+20, CRP+24, CXWH24, DWH+23, FLG+21, FLL+22, GBBC24, HF24, KMH+24, LLC+21, LHZ+23, LZL+23, LILJ24, MLM21, OGT+21, QHW22, SYZB24, SYK22, SSL+23, SMY+24, WCHH23, WLS+23, WPDZ21, WMW+22, WZL+23c, XLQ+24, XSZY20, XYW+20, YL24, ZWG+19, ZH23, ZLZ+24, ZLHZ24, ZCL+22, ZBAG20]. **NeuSE** [LLC+21]. **News** [ALW+24, BBB+22, LHN+20, QHW22, SG12, VAFZ19]. **News-Based** [BBB+22]. **Next** [JHC+23, OJW+23, SOL22, WZZ+22, WCHH23, ZCL+22]. **Next-item** [WCHH23]. **NGUARD** [XLT+20]. **NMC** [LYGG22].

**NMC-BERT-LSTM-DQN-X** [LYGG22]. **NMF** [CWWL24]. **NNC** [XLS24]. **NNC-GCN** [XLS24]. **Node** [CGL+23, CS24, CFX+24, CSM+24, DWL+24, ERSK14, GWZZ17, GW21, JHJK22, MLM21, SZLP16, SGCH23, WZL+15, WN22a, XXO+24, YWL+24, YHZ+24, ZWYZ24, ZLSC24]. **Nodes** [BCK+18, JS21, NS23, WWHW19, WPDZ21, WN22a, ZHLZ24]. **Nodes-Hyperedges** [WN22a]. **Noise** [CYY+22, Cos21, ABDM21, LJX23, LGT+24, SM23, BFPP07]. **noise-robust** [BFPP07]. **Noisy** [HF24, LZZ+22a]. **Non** [ACK+22, CZY+22, JYD19, LCLL17, MYPB20, PV24, SI24, SCCM22, WLD+23, YLL21b, ZHT20, Vad10, YHLC23]. **Non-causal** [YLL21b]. **Non-Convex** [ACK+22]. **Non-Gaussian** [LCLL17]. **Non-IID** [YHLC23]. **Non-intrusive** [SCCM22]. **non-linear** [Vad10]. **Non-Local** [JYD19]. **Non-Negative** [SI24, WLD+23, ZHT20]. **Non-Redundant** [MYPB20]. **Non-stationary** [CZY+22]. **Non-uniform** [PV24]. **Nonnegative** [BNY20, HNHD14, LLZ+21, PKH+17, SGCH23, WNH15, ZGHM21]. **Nonoverlapping** [WLL+22b]. **nonredundant** [CFD10]. **Nontransductive** [AHGA14]. **NOODLE** [GFL+24]. **Norm** [DDY+24]. **Normalization** [DDY+24]. **Normalizing** [LOM22]. **Novel** [CMS23, CV24, DA19, GBBC24, NWA20, RGAÁC+24, SB24, WZ21, WQZ+16, ZZYY16, ZHSL23]. **Novelty** [XYW+20]. **Nr** [MYPB20]. **Nr-DipMeans** [MYPB20]. **Nr-Kmeans** [MYPB20]. **nSimplex** [CV24]. **NTP** [WLL+22b]. **NTP-Miner** [WLL+22b]. **Nyström** [ZZYY16].

**Object** [RQM+24, SNH+13]. **objective** [HGV+08, MH22, MHS20, PKSM21]. **Observable** [TSS22]. **Observational** [HML+24]. **Observed** [RABR23]. **Occupancy** [NGB18, ZLT+15]. **Occupancy-Based** [ZLT+15]. **Occurrence** [ZFH23]. **Off** [JKP+21, WCL+23b]. **OLAP** [QSS20]. **On-Demand** [YYC+21]. **On-Shelf** [ZDY+22, SB24]. **On-the-fly** [GBBC24]. **On/Off** [JKP+21]. **One** [HP20, LGT+24, OGAB14, WCL+23b]. **One-off** [WCL+23b]. **Ones** [SB21b]. **ONION** [GFHL23]. **Online** [ADR21, ASZ21, BC18, CL18, CZY+22, Cos21, GXLC21, HHZ+18, HQWW22, JSV+15, KP18, LCCM19, LZZ+22a, LHZG13, LSH+22, LWZ14, LT10, MYB19, Row16, SHL19, DMG+21, SWH+23, THRR16, TKT+24, WJLL21, WHMY17, XZLL21, YLW+19, YWG+22, YWDP16, ZS24, ZWH+16, ZWWH20, ZMW+24, ZZYW22, YLK13]. **Online-Weighted** [BC18]. **Only** [CWW+24]. **ONP** [WCL+23b]. **ONP-Miner** [WCL+23b]. **Ontology** [CTZ16, MAHT18]. **Open** [JSE+23, XXO+24, YWS+22]. **Open-Set** [JSE+23]. **Open-World** [XXO+24]. **Opinion** [ACK+22, ABS19, JLZ+22, KSB+21]. **Optimal** [Bur21, CCV19, XZ23, ZBL+20]. **Optimization** [ACK+22, AHGA14, CTP+16, CWY+23, CCT+23, DYS20, IAB22, JK22, LGG+23, LCWC20, MHS20, OCD+24, RZY+23, SMK18, SYLC16, XYZ+20, XWW+24, XXZ19, ZL15, ZYH19]. **Optimized** [SMS22]. **Optimizing** [ES15, SBRE14, XWW+24]. **Optimum** [BC18]. **Order** [GFL+24, PMC22, WZL+23b, YLL19, ZZY+21, ZCS10, ZHL+21]. **ordered** [HAKU+08, ZLGY24]. **Ordinal** [GXZ+22, ZZLZ21]. **Ordinal-Preserving** [ZZLZ21]. **Organized** [LLW+21]. **Oriented** [PZW+18, TDLM19, XSZ+22]. **Origin** [RLDL24]. **Origin-destination** [RLDL24]. **Orthogonal** [XWZ+22]. **other** [VALF12]. **Our** [CDSV16]. **Out-of-Distribution**

[ZWYZ24, SMW+24]. **Outcome** [TDLM19]. **Outcome-Oriented** [TDLM19]. **Outcomes** [DKSK22, MMMJ16]. **Outdoor** [ZBL+20]. **Outlier** [AF16, CMZS15, DDL21, LWCZ24, LSF18, LSL+22, MCSZ20, MN20, PC20, SLK+24, SB21a, WCL+23a]. **Outlierness** [WDDB20]. **Outliers** [AF16, HW21, SI24, SB21b, AF09]. **Outlying** [WDDB20]. **Output** [CSM+24, LWW23a, CHZ23]. **Overcome** [MH22]. **Overlap** [BBC+24]. **Overlapping** [CRGP14, CO18, LHK+18, LFXC24, NLZH20, NXZ+24]. **Own** [CDSV16].

**P** [LGS+23, XJZ21]. **P2P** [AGHN13]. **Paced** [LLH+24, ZLDL23]. **Package** [ZLZ+24]. **Page** [AS21, WNH15, ZP09]. **Page-Level** [AS21]. **PageRank** [CGL+23, LXY+17, ZGC18]. **Pairs** [WZL+15]. **Pairwise** [DYS20, PFTR16]. **Pairwised** [HZW+15]. **Pandemic** [JLZ+22]. **Papers** [Agg17, WL16, XL20]. **Paradigm** [KMH+24]. **Paradox** [JSP15, NK21]. **Paradox-based** [NK21]. **PARAFAC** [PFS15]. **Parallel** [AKM20, GLFV+19, JLH+13, WGYC21]. **Parallelizable** [PFS15]. **Parallelized** [BXF+20]. **Parameter** [ZYD24b, BFPP07]. **Parameter-Agnostic** [ZYD24b]. **Parameter-free** [BFPP07]. **Parameterization** [CLG+19]. **ParCube** [PFS15]. **Parkinson** [LLL+20]. **Parliamentary** [MCS+18]. **Parsing** [WZL+22]. **PART** [RZF+24]. **Partial** [LYL+22, WHG+18, XL15, ZWB22]. **Partially** [RABR23, TSS22]. **Participation** [LK20]. **Participation-based** [LK20]. **Particle** [XXZ19]. **Partition** [RZF+24]. **Partitioned** [TAJY17, MWF08, VCKP08]. **Partitioning** [SYD+16, SZLP16]. **Party** [BXF+20, HWZ+24]. **Pass** [OGAB14]. **Passenger** [LH22, WLW+19]. **Passing** [BGSW13]. **Patent** [LWH+23]. **Path** [HFL+22, LH22, LZL+24, MRJ11, SNH+13, YCJK08]. **Paths** [ASJ+23, Lap20, MSR+24]. **PathSelClus** [SNH+13]. **Patients** [WLC+17]. **Pattern** [CYOL16, DCF+21, FLC23, GLFV+19, HHL+24, HGY24, KR16, LSS+22, LYT+23, LLB+22, PCVR22, PSYJ24, RGAÁC+24, WLL+22b, WCL+23b, YDS+15, ZLT+15, KKZ09, YCJK08]. **Pattern-Aware** [LSS+22]. **pattern-based** [KKZ09]. **Patterns** [AASL23, BGWSB19, CLY12, JH19, LLC+22, LDS+22, NADR21, SLW+18, SDS18, WDDB20, WTD24, WC15, YWH+15, ZBAG20, CBRB09, MXC+07, PLL+10, ZKCY07]. **PCA** [CNY+16, FKKD17]. **peaks** [AH24]. **Peer** [HLL+20]. **Percentage** [LCLL21]. **Percolation** [CGL18]. **Perfection** [AKM17]. **Performance** [MSC+19, RU14]. **periodic** [ZKCY07]. **periods** [HDC07]. **Permanence** [CSG+16]. **Persian** [MG24]. **Person** [ZCL+22]. **Personal** [LCW24]. **Personalised** [ZGC18]. **Personality** [KP18]. **Personalizable** [XJZ21]. **Personalized** [ALW+24, CLYC23, HGW+21, HCZ+14, LSH+22, LFC+17, LGS+23, THYL24, YHLC23, YCW+24, YCC+15, ZMC+24]. **Perspective** [BT21, CSSP15, CTX+17, HZM+22, HLH+24, LXZ+24, LGZ+23, WXT+24, XWW+24, ZZYY16, ZZY+21]. **Persuasion** [ACK+22, XZLL21, ZS24]. **Perturbation** [YW24]. **Perturbations** [ZBAG20]. **Petabyte** [LGF10]. **Petabyte-Scale** [LGF10]. **Phase** [Dor19]. **Phone** [AOEM17, QSST18, YZH+18]. **Photos** [CLYC23]. **Phrase** [LWH+23]. **Physical** [HZW+15, TYG+15]. **Physician** [WDL+21]. **Physics** [HQYY14]. **Physics-Based** [HQYY14]. **physiological** [SSK+10]. **Pickups** [CZZ+23]. **Pipeline** [YLL19]. **Pipes** [ZCL19]. **Placement** [ZBL+20]. **Planning** [HYYT21, WZR+23]. **Platform** [SGM+23]. **Play** [DKSL18]. **Player** [XLT+20]. **PM2.5** [YWC24]. **POI** [JHC+23, WZZ+22]. **Point**

[HCH+24b, LYL+20, OJW+23, QXBT16, SYZB24, SYD+16]. **Point-of-Interest** [LYL+20, OJW+23]. **Pointer** [HGW+21]. **Points** [JYD19]. **Poisoning** [WLG+24]. **Poisson** [IHS07]. **Polar** [ABS19]. **Pooling** [RZF+24]. **Pop** [ZLY+20b]. **Popularity** [GCL+19a]. **Population** [ASPT21, WNC+18]. **Populations** [MNK18]. **Portable** [FLG+21]. **Portfolio** [LHZG13, YWG+22]. **Poset** [PCVR22]. **Positive** [WPDZ21]. **Posts** [NTNP18]. **Potential** [LFXC24, QHW22, ZHSL23]. **potentially** [Web10]. **Power** [FFZ+24, NK21, VDMC22, PAS24, YJT+24]. **Power-law** [NK21, PAS24]. **powered** [YGL+22]. **Practical** [CCV19, CZZ+23]. **Practice** [YJT+24]. **Pre** [CYY+22, WWZL23, WOGZ24, WMZL24]. **Pre-Processing** [CYY+22]. **Pre-Training** [WWZL23, WOGZ24, WMZL24]. **Precedence** [GGLP15]. **precise** [HDC07]. **Predict** [ASPT21, LVH+21, SM23, LTH+13]. **Predictability** [YDW+23]. **Predicting** [BAMK18, ERSK14, DMG+21, VMR17, WLW+19, ZCL+22, ZTL+15b]. **Prediction** [BMZY21, BJ21, CLT+20, CSZ+21, DKA11, FLL+22, GCL+19a, GXLC21, HFL+22, IKK19, JYH+23, KZW+22, LSS+22, LFY+23, LJL+23, LZG+24, LCLL17, LSH20, LZZ+22b, RGL+23, RBF+21, SHL19, SBZR19, SLL+23, TWC22, WYG+17, WCL19, WLD+21, WZ21, WXW+21, WZR+23, WLS+24, WLH24, WLS+23, XJW+21, XLL+21, XYGC21, YL24, YSLL24, YWK+22, ZZXY21, ZZY+24b, ZCC+24, ZLZ+24, ZJJ+24, BG09, HNH+13, LSY+09]. **Predictions** [GSI19]. **Predictive** [AT17, PFC+24, TDLM19, SSK+10]. **Predictors** [DLZ+24, LCWC20, CRST09]. **Preference** [HLL+20, LLZ+23]. **Preferences** [JHC+23]. **Preferred** [LZL+24]. **Preprocessing** [GZSMM24, HQWW22]. **Prerequisite** [SMY+24]. **Prerequisite-Enhanced** [SMY+24]. **Presence** [KHTR18, BC24, LNR08]. **Preservation** [VSV15]. **Preserve** [LOW+21]. **preserved** [CCC09]. **Preserving** [CXL+24, LLL+21, LGS+23, LFL+23, SI24, WCL+23a, XCL22, YSG+21, ZZLZ21, ZZF24, ZLSC24, MWF08, VCKP08, ZMC+24]. **Pretext** [SM23]. **Price** [XML18]. **Pricing** [MPG+23]. **Principal** [CLG+19]. **Principle** [ASPT21, WSZ12]. **Principled** [KSV+16]. **Prior** [JYD19, ZB20, LNR08]. **Prioritized** [LAN+18]. **Privacy** [BTBg22, CXL+24, GBW+24, HF24, LCW24, LK15, LT10, LGS+23, MWF08, RTM18, SI24, VCKP08, WFW+11, XCL22, ZMC+24, MKGV07]. **Privacy-Preserving** [CXL+24, LGS+23, SI24, XCL22, MWF08, VCKP08, ZMC+24]. **Private** [EC20, GZSMM24, HXY+19, KFI+23, NS23, NYLZ24]. **Probabilistic** [CZH18, CRM+23, HP20, HO14, HLCR20, HML+20, JCQ+23, JLD+19, KHTR18, LLW+21, ZB20, ZCL19, HAKU+08]. **Probability** [CWF+13, ZZLZ21]. **Probes** [XJZ21]. **Problem** [CG15, NZW23, QWH+24, XL16, ZTT+20, GEG+08]. **Problems** [ADK+16, DDL21, GXZ+22, MYL+21, RWD23, SKM+22]. **Process** [GLMW22, GGLP15, IAB22, TDLM19]. **Processes** [DMI12, LZD16, OLL20, QXBT16, SYZB24, TC18, IHS07]. **Processing** [CYY+22, LK15, WZLZ23]. **Product** [HGW+21, LFC+17, MNK18, XJW+21, XL15, XZLL21, XL16, ZWG+19, ZWH+16]. **Products** [Che18, ZWG+19]. **Professionals** [Lap20]. **Profile** [LYTZ22]. **Profiles** [BBB+22, YCC+15]. **Profiling** [LCX+23, LZLJ24, TYZZ10, XKH+16, TLZ+08]. **Profit** [LWW18]. **programs** [GMSS13]. **ProgressER** [AKM18]. **Progression** [LCG+18]. **Progressive** [AKM18, JH19, PV24]. **Projection** [YSG+21, WAD12]. **Projections**

[PBMID14, WAD12]. **Prominence** [AMIL13]. **Prominent** [ZJL+14]. **Promotion** [ZPC+16]. **Propagation** [KMH+24, LHW+20, LXY+17, YWH+15]. **Properties** [BSS+24, VFA+15, Bal13]. **Protect** [LCW24]. **Protected** [BSS+24]. **Protecting** [RTM18]. **ProtoMGAE** [ZJ24]. **Prototype** [ZJ24]. **Prototype-Aware** [ZJ24]. **Provable** [SOK+20]. **Proximity** [RZY+23, RJK+20, SYLC16, KNV07]. **Pruning** [WLT19]. **Pseudo** [DHZ24]. **Pseudo-Likelihood** [DHZ24]. **Pseudodimension** [RV20]. **PSL** [LYL+22]. **PSP** [JH19]. **PSP-AMS** [JH19]. **PU** [WZZ+24]. **PU-Detector** [WZZ+24]. **Public** [JLZ+22]. **Publishing** [GBW+24, VSV15]. **Pulse** [DCF+21]. **Punitive** [RKC19]. **Put** [ALW+24, PPDSBLP16]. **Puzzle** [SRVM24].

**Quality** [CXWH24, CTZ16, GLMW22, JCC23, LQW+18, MDV11, QZB+23, RGL+23, WSDL19, XW22, XZSY19, ZHL+21]. **Quality-Informed** [GLMW22]. **Quantification** [MFS24]. **Quantifiers** [ES15]. **Quantifying** [YDW+23]. **Quantitative** [LYGG22]. **Quasi** [SMDHT21, JP09]. **Quasi-Cliques** [SMDHT21, JP09]. **Quaternion** [ZLT+23]. **Queries** [HCC+18, WWW+16, ZLY+20a]. **Query** [AT17, HCC+18, LLLW22, MSC+19, PXW+22, WQZ+16, CRST09]. **query-defined** [CRST09]. **Query-Driven** [AT17]. **Querying** [WY15, WTD24]. **Question** [BWD10, GFM21, WMZL24, ALB09]. **Question-Answering** [BWD10].

**Rademacher** [CWR23, PCVR22, PV24, RU18]. **Radii** [KTA+11]. **Rail** [ELH23]. **Rainfall** [TWC22]. **Raising** [SB24]. **Random** [BC24, LWZ14, NS23, NK20, PBMID14, MWF08, WC12, WAD12]. **randomization** [GMMT07]. **Randomized** [FKKD17, WXB+21]. **range** [FLL+22]. **Rank** [CLY12, DSTA22, DKSL18, HH19, LSF18, TLL+19, TKT+24, WYX+16, WN22b, YSG+21, CCT+23, ZSC+23, ZGC18]. **Ranking** [BES15, CNZ+17, DYS20, FXG+16, GJDX14, JLH+13, LSH+22, LWW23a, MLM21, MN20, SRBC22, YDE+22, AMIL13, JLL14]. **Ranking-Based** [LWW23a]. **Rapid** [SYLC16]. **Rare** [KR16, MN20, NWA20]. **Rare-Class** [NWA20]. **Rate** [DLZ+24, XYGC21]. **Rating** [LWH+24, XL15, XZLL21, YCC+15]. **Ratings** [FCWQ17, WZL+23b]. **Rationality** [LQW15]. **Rationalizing** [LILJ24]. **Ratios** [BSS+24]. **Reader** [QCD+19, VAFZ19]. **Reader-Aware** [QCD+19]. **Real** [AOEM17, BLH+22, CS24, CYL+24, FXG+16, LCWC20, LSH20, MGL+20, NZW23, OCD+24, WSDL19, WZZ+24]. **Real-Time** [AOEM17, BLH+22, LCWC20, MGL+20, OCD+24, WSDL19, LSH20]. **Real-World** [CS24, CYL+24]. **Realistic** [DLZ+24, SB21a, VFA+15, WNC+18]. **Really** [PFC+24]. **Realtime** [LOW+21]. **Reasoning** [LZY+24a, LZL+24, RQM+24]. **Receptive** [TLG+23]. **reciprocity** [LTH+13]. **Recognition** [HLC19, HCZ+14, JSE+23, LTN+21, LLL+20, NWA20, SKW+21, WTZL22, XCL22, YSW+21]. **Recommend** [CCLZ18]. **Recommendation** [CWL+24a, CMBT22, CLYC23, CCTW23, CSHZ21, CKC+18, CDV21, CXL+24, FYN22, GLF+22, GYX+22, HHL+24, HZZ+15, HCH24a, HF24, HCC+18, JCQ+23, JBGW24, JHC+23, JZX+23, LL19, LWWX23, LHZ+23, LWG+16, LFC+17, LCF19, LGZ+21, LJW+22, LZL+24, LZY+24b, LYF+24, LWG+24, LWW24,

ML15, OJW+23, OGT+21, QHW22, SOL22, SYG+24, SMY+24, WSZZ14, WDL+21, WZZ+22, WZL+23b, WCHH23, WZL+23a, WXT+24, XYZ+20, XYW+20, YCC+15, YTW+16, ZZYY22, ZWH+16, ZLC20, ZLW+21a, ZMZS23]. **Recommendations** [FCWQ17, HTT+24, LYN+24, MRC+22, SGC+23]. **Recommender** [Che18, CC19, FN24, ABDM21, LH22, LGS+23, WCX24, ZWC22, ZH23, ZYS+21]. **Recommending** [FLG+21, LPK+15]. **Reconstructing** [CWL+24a, EGT14]. **Reconstruction** [GSG+20, LSH20]. **Record** [OJLD22, dVKCC11]. **Records** [WLL+22a]. **Recovery** [HW21, HQWW22, XLQ+24]. **Recurrent** [GCG22, LZP20, LFY+23, ZHS+19]. **Recurring** [HKR+23]. **Recursive** [GY15, THB18]. **Redefined** [LYC+21]. **Redescriptions** [GM18]. **Reduce** [AZD+21]. **Reduced** [DMGC21]. **Reducing** [WJLL21]. **Reduction** [CYY+22, CCT+23, CV24, GNMQ21, GBTL14, MDV11, MG24, ZWB22, PSFV13, ZZ10]. **Redundant** [MYPB20]. **Refining** [Pap15, ZZYY22]. **Reflect** [BG09]. **Reframing** [HO14]. **Regime** [TBW23]. **Region** [BMTT18, ZCL+22]. **Region-of-Interest** [BMTT18]. **Region-Relation-Aware** [ZCL+22]. **Regional** [RLDL24]. **regions** [CBLH12]. **Regression** [Dor21, GXZ+22, HO14, KCL+20, LBT+23, LWH+24, MYL+21, OGAB14, SHL19, SATK20, STD+18, YTH18, YDE+22, ZLZ+19]. **Regressions** [LZZ+22a]. **Regularization** [CC19, CWWL24, GY15, MG24, YTH18, YZZ22, ZZ23, ZY14]. **Regularized** [CGZW16, PKH+17, WCL19]. **Regulation** [LSH+22]. **Reinforcement** [CZZ+23, CCTW23, FSXL23, FYN22, LL19, MYC+24, YYC+21, ZRJ+22]. **Relatedness** [ZGC18]. **Relation** [CTC+22, WZ21, WZL+23a, ZWYW24, ZCL+22, KKB22]. **Relation-aware** [WZL+23a]. **Relational** [AK15, AKM18, GYX+22, JLZ+22, NGB18, BG07]. **Relations** [DSTA22, VDMC22, WZL+23c, CBRB09, SMA+08]. **Relationship** [LAN+18, LHS+21, MYB19, SBZR19, WSM+18, GEG+08, ZY13]. **Relationships** [CDC23, JSV+15, LYC+23, LXR+23, PZJ+24, PMC22, YTL18, ZY14]. **Relative** [PFTR16]. **Release** [KFI+23]. **Relevance** [LGF10]. **Relevant** [BGJV12]. **Reliability** [WZB+23]. **Reliability-Driven** [WZB+23]. **Reliable** [CWW+24]. **Rematching** [LYT+23]. **REMIAN** [MGL+20]. **Remote** [XZSY19]. **Repetitive** [LWC+23]. **Representation** [CTC+22, CG23, CCT+23, CCTW23, CLJC24, Dor19, DPDG18, Han24, HLC19, HLH+24, JH22, JS21, LWC+23, LLL23a, LZG+24, LLG+23, LCX+23, LYF+24, LJG+24, RZY+23, RZF+24, SYD+16, TLG+23, WHG+18, WCL19, WXW+21, WZW+22, WWG+23, WJLY23, WCL+23a, YSG+21, YSW+21, ZFH23, ZL23, ZWYW24, ZFWC18, ZJ24, ZLW21b, ZGQ+24]. **Representations** [Che18, DKSK22, JZX+23, LWG+22, WXB+21, WZL+23b, XRGZ24]. **Representative** [CYL+24, WY15, ZLY+20a, MS09]. **Reputation** [SRBC22, XML18]. **Reputation-Based** [SRBC22]. **requirement** [ZKCY07]. **Residual** [ZXZ+23]. **Resistance** [SRBC22]. **Resisting** [WLS+24]. **Resolution** [AKM18, ASPT21, KCR23, BG07]. **resolutions** [WND+09]. **Resource** [YZL+22]. **Resource-efficient** [YZL+22]. **Response** [SYZ+24a]. **Responsive** [ZMW+24]. **REST** [CWL+24a]. **Restricted** [JSG+19]. **results** [GMMT07]. **Resume** [Lap20]. **Retail** [LCLL21]. **Retraceable** [PAS24]. **Retrieval** [CKC+18, DKSL18, LWW23a, LWW+21, MCS+18, PSYJ24, QWH+24, WWZL23, ZZLZ21]. **Retweet** [ZTL+15b]. **Revealing** [JSV+15]. **Reverse**

[YLL+21a]. **Reversion** [LHZG13]. **Review** [LWH+24, PGR18, QSS20, TDLM19, ZP23]. **Review-Aware** [LWH+24]. **Reviews** [WZL+23b, XJW+21, ZWH+16]. **Revisiting** [HLH+24]. **RGB** [LLL+20]. **RHPTree** [LLB+22]. **RHPTree-Risk** [LLB+22]. **RIC** [BFPP07]. **Rich** [HGW+21]. **Ride** [TLZ+20, WLW+19]. **Ride-matching** [TLZ+20]. **Ridesharing** [TLZ+20]. **Riemannian** [DYS20]. **Right** [DSL+14]. **Risk** [LZG+24, LLB+22, LNR08]. **Road** [HXY+19, ZL23]. **Robust** [BAC23, CGZW16, DWL+24, GFHL23, GSG+20, HW21, HNHD14, IKK19, LZZ+22a, LV18, LTN+21, LWH+24, OLL20, PKH+17, SRBC22, TLL+19, YSG+21, ZZG+21, ZLZ+19, ZHS+19, ZCL24, dVKCC11, BFPP07, GG08]. **Robustness** [HK18, HZM+22]. **RoI** [BMTT18]. **Role** [CO18, HZZ+15, HLH+24, RJK+20, WCL19, JLL14]. **Role-Based** [HZZ+15, RJK+20, WCL19]. **Rounding** [FKKD17]. **Route** [HYYT21, SYZ+24b, XYZ+20]. **Routes** [LH22]. **Routine** [QSST18]. **Rule** [HGWY23]. **Rules** [DGB16, HGWY23, RU14, WSC+17, ZLGY24, Bal13]. **Rumor** [VMR17, YLW+19, ZCL24]. **Rumors** [VMR17].

**S2OSC** [YWS+22]. **SA2E** [LLY+24]. **SA2E-AD** [LLY+24]. **Saiyan** [Con20]. **SAKE** [LLS+21]. **Sales** [LCLL21]. **Same** [CMS24]. **Sample** [DIB24, LWZ14]. **Sampled** [HXY+19, TR22]. **Samples** [DLZ+24, LZL+22, WY15, YWW+21]. **Sampling** [ANK14, ADR21, BIPR13, BLP21, CWF+13, CYL+24, Cos21, JYY+21, KS21, LK20, LJK18, LLS+21, MM12, NS23, NK21, PV24, QXBT16, RU14, RV20, SKM+22, DTU21, SJHY24, WXB+21, YLL+21a, ZZYY16, CCC09]. **Sanitization** [BCC+21]. **Satellite** [XSZY20]. **Satisfaction** [AEEBEE20, ALB09]. **Satisfactions** [LWW18]. **Saturating** [BNY20]. **Scalable** [BHW+17, DIB24, HST+23, JLL14, LDS+22, LWW23a, LYC+21, LLB+22, MXP20, SGM+23, SYD+16, TLG+23, WSZ+16, YWDP16, ZZYW22, Kor10]. **Scale** [AOEM17, BHW+17, CZH18, CPYT21, CKC+18, DHZ24, DKSL18, GY15, HLZH18, JYY+21, KRBK19, LSS+22, LLS+21, LGF10, VDMC22, SHL19, SDS18, SLTA11, WNH15, WHMY17, XZ23, XXZ19, ZZLZ21, BBCG10, GMSS13, SATK20, XJZ21]. **Scale-Free** [XZ23]. **Scaled** [ZB20]. **Scaling** [CPC10, XZ23]. **Scan** [ASJ+23, CCV19, MXP20]. **Scan-Paths** [ASJ+23]. **Scarcity** [GQH22]. **Scenario** [SYG+24]. **Scheduling** [SYXZ23, YZL+22]. **Scheme** [CYY+22]. **Scholar2vec** [WXW+21]. **Scholars** [WXW+21]. **Science** [LGZ+22, WZL+22]. **Scientific** [KZZ+20, Var22]. **Scientists** [Var22]. **SCOAL** [DG10]. **Score** [KRBK19]. **Scores** [LT10]. **Screening** [MWL+22, Web10]. **SDA** [BXF+20]. **Search** [ACK+22, Bur21, MSC+19, PKSM21, SYZ+24b, TAJY17, VAFZ19, WWW+16, WZWC23, WSZ+16, ZYZZ21, FSK09]. **Search-based** [PKSM21]. **Searching** [LWW+21, CRST09]. **Seed** [GW21]. **Seeded** [ZHL+21]. **Seeding** [GW20]. **seeker** [ALB09]. **Segment** [YZZ22]. **Segment-Wise** [YZZ22]. **Segmentation** [GLW+23, ZZZ+20a]. **Selecting** [DSL+14]. **Selection** [CFX+24, DPB+20, DSTA22, GFHL23, GSWJ20, JV20, JYD19, JLD+19, LHZG13, LXZ+24, OGAB14, PKSM21, SLK+24, SZD+23, SNH+13, TL14, WZLG13, WYWY19, WHMY17, XL16, XSZY20, XXZ19, YWG+22, YWDP16, YLL21b, YYD22, YLL+24, ZLLW23, ZZY+23, ZZYW22, DD09, WZLG12, YLK13]. **Selective** [LQW+18, RA16]. **Self** [CLJC24, Han24, HHL+24, JH22, JBGW24, JHC+23, LLH+24, LLW+21, LJG+24,

PMC22, RZY+23, RKC19, SM23, TR22, WCL+23a, WMZL24, Web10, XWW+24, XXZ19, ZLD+23, ZLDL23, ZZZ+20b]. **Self-Adaptive** [LLW+21, XXZ19]. **Self-Adjusting** [RKC19]. **Self-Attention** [HHL+24, PMC22]. **Self-Optimizing** [XWW+24]. **Self-Organized** [LLW+21]. **Self-Paced** [LLH+24, ZLDL23]. **Self-Representation** [WCL+23a]. **Self-sufficient** [Web10]. **Self-Supervised** [CLJC24, JH22, JHC+23, TR22, Han24, JBGW24, LJG+24, RZY+23, WMZL24]. **Self-supervision** [SM23]. **Self-training** [ZLD+23]. **Self-weighted** [ZZZ+20b]. **Semantic** [CMBT22, GLW+23, II08, LWLW18, LWW+21, MXC+07, WLL+22a, WZL+23c, YWR+19, ZGC18, ZZLZ21, SMA+08, GXL24]. **Semantic-LDA** [GXL24]. **Semantics** [AFZ22, GXL24, WPW23]. **Semantics-enhanced** [GXL24]. **Semi** [CCLZ18, CRC+23, CQH+24, CWWL24, DD09, Dor21, DIB24, LSL+22, LYT+23, LWH+24, NGMQ22, WN22a, XLS24, YWS+22, YWL+24, ZWYZ24]. **Semi-analytical** [DD09]. **Semi-Supervised** [CRC+23, CQH+24, LYT+23, LWH+24, NGMQ22, WN22a, XLS24, YWS+22, CCLZ18, CWWL24, Dor21, DIB24, LSL+22, YWL+24, ZWYZ24]. **Semiautomated** [BES15]. **Semiconductor** [ZH16]. **Semisupervised** [AHGA14, HCZ+14]. **SemRe** [ZGC18]. **SemRe-Rank** [ZGC18]. **Sensing** [NGB18, XZSY19]. **Sensitive** [CSSP15, HO14, LZY+24b, SI21, YWR+23, Vad10]. **Sensor** [HQWW22, WSDL19]. **Sentence** [CMBT22, JH22, WZLG13, WZLG12]. **Sentence-to-Hashtags** [CMBT22]. **Sentiment** [CRC+23, IKK19, XJW+21, YWC+16, ZCZQ19]. **separability** [ASHK14]. **Sequence** [BJ21, LZG+24, LZL+24, SOL22, WDDB20, ZJL+14, ZDY+22, ZYD+24a, ZCS10]. **Sequence-To-Sequence** [BJ21]. **Sequences** [BTBg22, GLZ+21, PXW+22, XLT+20, KT09, ZKCY07]. **Sequential** [GLFV+19, GCG22, GHT+24, HHL+24, HF24, HGWY23, HGY24, IYSU12, JH19, LHZ+23, LYN+24, LDS+22, LYF+24, MRC+22, MM12, SM21, SFDW19, WLL+22b, WCL+23b, XYZ+20, ZLGY24, ZFWC18, PLL+10]. **Serendipity** [XYW+20]. **Series** [ABWI23, ABSP+18, ABW20, AZBW21, CHZ23, DSL+24, DDY+24, GSST16, LLC+22, LLY+24, LTB18, MMMJ16, PZJ+24, RET+23, RCM+13, SHL19, SLW+18, SGM+24, TBW23, TR22, ZLD+23, ZSM22, CRM+23, CE24, MH22, ZJJ+24]. **Server** [MYC+24]. **Server-Client** [MYC+24]. **Services** [WLW+19, YYC+21, YWH+15, YTW+16]. **Session** [JCQ+23, KN18, WCHH23]. **Session-Based** [KN18, JCQ+23]. **Sessions** [JCQ+23]. **Set** [CXH+20, JSE+23, YWS+22, PXW+22, WAD12]. **set-covering** [WAD12]. **Setting** [BBB+22]. **Settings** [WLL+21]. **SGD** [SYXZ23]. **sGrapp** [SÖ22]. **Share** [XL16]. **Shared** [JZX+23, JTYY10]. **shared-subspace** [JTYY10]. **Sharing** [BWD10, EC20, WGC+23]. **Shelf** [ZDY+22, SB24]. **Shift** [LWB+24]. **Shifted** [ZB20]. **Shifted-Scaled** [ZB20]. **Shifts** [TBW23]. **Shop** [YTW+16]. **Shop-Type** [YTW+16]. **Short** [BAMK18, HZL20, JLZ+22, JHC+23, TWC22]. **Short-Term** [HZL20, JHC+23, TWC22]. **Short-Text** [BAMK18, JLZ+22]. **Shortcut** [Pap15]. **Shortcuts** [ZHLZ24]. **Shortest** [MRJ11, MSR+24]. **Shortest-Path** [MRJ11]. **Shot** [DWL+24, RYM+24, WDH+24]. **shrinking** [LKF07]. **Side** [LZY+24b, LGT+24, ZYS+21]. **SigGAN** [CDC23]. **SIGKDD** [ACPW13, BBD+07, MG09, WL16, GSTC12, GL15, Wan10]. **Signals** [Row16]. **Signed** [CDC23].

**Significance** [GNMQ21]. **SILVAN** [PV24]. **Similar** [JCQ+23, LSGZ19, RGAÁC+24]. **Similarities** [CZY11]. **Similarity** [CG15, CLYC23, GXLC21, KSV+16, LTN+21, SI21, TAJY17, WCL+23a, WSZ+16, ZXZ+23, ZHS+19, II08, JLL14]. **Simple** [CPC10, CC19, LJK18, YSY+22]. **SimRank** [CG15]. **Simulation** [LLLW22]. **Simultaneous** [WZR+23, DG10]. **Single** [HCH+24b, LLL+20, MAHT18]. **Singular** [ME11, WHG+18]. **SIR** [JS21]. **SIR-GN** [JS21]. **Siren** [GM18]. **Site** [GBTL14, LGZ+21]. **Size** [DERU17, LNG18]. **Sized** [ADK+16]. **Skeleton** [LLW+21]. **Sky** [TWC22]. **Skyline** [ZLY+20a]. **Slack** [RWD23]. **Slack-Factor-Based** [RWD23]. **Small** [TSRK20, XZ23]. **Small-World** [XZ23]. **Smart** [DDL21, YSW+21, ZZL15]. **Smartphone** [DWW22]. **SMONE** [JCQ+23]. **Smooth** [HP20, TLG+23]. **Smoothed** [DYS20]. **Smoothness** [XSZ+22]. **Snapshot** [LLC+21]. **SNE** [SHF24]. **Social** [AEEBEE20, ABS19, BMTT18, BGC14, CWL+24a, CL18, CGL18, CDV21, Cos21, CYT+17, CXL+24, DPDG18, ERSK14, GXLC21, GBTL14, HTT+24, HDQ+18, HNH+13, HDT+18, JCS+23, JSV+15, KP18, LPK+15, LWWX23, LCW24, LLD+24, LLS+21, LT10, LSGZ19, LJW+22, LLLW22, MYB19, NS23, NZW23, Pap15, PLS+21, PL10, QZL23, RABR23, DMG+21, SAS16, TL14, TSS22, WWHW19, WWW+20, WLL+21, WJLL21, WLHH23, WLH24, WC15, WLS+23, WGYC21, WLG+24, XZXW18, YLW+19, YWZ+24, YHL15, YTW+16, ZTL15a, ZS24, ZTL+15b, ZCF+17, ZH23, ZFH23, ZFWC18, ZL15, ZPC+16, ZLC20, ZMZS23, CT14, KSM09, LCZ+09, LSY+09, LTH+13, ML14, YWW+14, ZFY14]. **Socializing** [JSV+15]. **Soft** [SZD+23]. **Solution** [LFY+23, WSZ+16, YCJK08]. **Solutions** [DDL21, ZTT+20]. **Solving** [GMSS13]. **Source** [WN22b, YHZ+24, ZGY+22, WLW+19]. **SP** [ZYD+24a]. **Space** [AH24, CYY+22, DDL24, HQYY14, JSP15, LHL+22, MYL+21]. **Space-Efficient** [JSP15]. **Spaces** [CV24, GQH22, ZWLS22]. **spam** [ZP09]. **Span** [GCB+21]. **Span-core** [GCB+21]. **SPAP** [WZR+23]. **Sparse** [BGSW13, BXF+20, Bur21, CNY+16, CLY12, FH14, FKKD17, LLW16, LWLW18, LCG+18, PFS15, STD+18, DTU21, TR22, WYG+17, WXB+21, WHMY17, XYW+20, YWC24, ZHT20, ZSC+23, ZWWH20, ZZZ+20a, ZLW21b]. **Sparsely** [HXY+19, MA16]. **Sparsification** [AAB+24, ZZF24]. **Sparsity** [YTH18]. **Spatial** [FLL+22, LLL+23b, LCLL17, MXP20, NXZ+24, OJW+23, SYLC16, WZZ+22, WZWC23, WGC+23, WJR+10]. **Spatial-aware** [NXZ+24]. **Spatial-Proximity** [SYLC16]. **Spatial-Temporal** [FLL+22, WZZ+22, WZWC23, LLL+23b, OJW+23]. **Spatio** [CLT+20, CHY+24, DCF+21, LYC+23, LCX+23, QSST18, SYZ+24b, ZZXY21, ZGY+22]. **Spatio-Temporal** [CHY+24, LYC+23, LCX+23, QSST18, SYZ+24b, ZZXY21, ZGY+22, CLT+20, DCF+21]. **Spatiotemporal** [LZY+24a]. **Speaker** [GSI19]. **Special** [Agg17, EK12, GSTC12, GL15, SLTA11, TWCO16, Wan10, WL16, XL20, ZPSYY10, vLCV+18, vLCV+19, BBD+07, CT14, LSY+09, MG09, ZKYW08, ACPW13]. **Specific** [AFZ22, GCL+19b, HZW+15, LL19, LHL+22, ZFW22]. **Spectral** [HST+23, LHK+18, MM12, TLL+19, YDE+22, ZZYY16, ZZF24, CSZ+09]. **Spectrum** [ASJ+23, ZZF24]. **Spectrum-Preserving** [ZZF24]. **Speed** [DGB16]. **Sports** [DKSL18, VALF12]. **spread** [KSM09]. **SpTV** [YLL19]. **SR** [CXL+24]. **SsAG** [AAB+24]. **STA** [OJW+23]. **STA-TCN** [OJW+23].

**Stability** [HK18]. **Stable** [KZW+22]. **Stacked** [LLY+24, ZLW21b]. **STAD** [ZLD+23]. **STAD-GAN** [ZLD+23]. **Stage** [ALW+24, HSY+21, SLL+23, RYM+24, YCJK08]. **Standardised** [GLMW22]. **Star** [ZWC+23]. **Start** [CC19, LYTZ22, LGZ+21, ML15, WZL+23a]. **State** [Agg22]. **Static** [ANK14, AH24, JK23, RU18, WCZ+24]. **stationary** [CZY+22]. **Stations** [LH22, WGC+23]. **Statistical** [AF16, GNMQ21, LK15]. **Statistics** [CCV19, LNG18, MXP20, WLR+14]. **Status** [CZW+24, LYL+20]. **Statutes** [FLG+21]. **STGCN** [WZWC23]. **STHAN** [LYC+23]. **Stochastic** [CWY+23, IAB22, LYC+21, TC18, VAFZ19, YLL+21a]. **Stock** [GYX+22, ZZY+24b]. **Store** [LGZ+21]. **Stories** [LHN+20]. **Story** [LHN+20]. **Strategies** [ABW20, CWL+24a, SB24, Var22, WLT19, WCX24]. **Strategy** [LHZG13, ZZY24a]. **Stratification** [ASJ+23]. **Streaks** [ZJL+14]. **Stream** [PE20, PZW+18, THB18, TC09, WCZ+22, WHC+23, YSY+22]. **Streaming** [ANK14, HQWW22, JK23, JSP15, KBR+16, PKSM21, PLS+21, SÖ22, YDS+15, ZSM22, ZZYW22, CCC09, CKMS08]. **Streams** [BLH+22, BLW14, BC18, CFP19, DERU17, DGB16, GBBC24, GL22, HKR+23, HAK+23, HSB22, JH19, KG24, LJK18, OLL20, RKC19, SFP10, SOK+20, SLO+21, DTU21, SAS16, WND+09]. **Strengthen** [HDT+18]. **String** [BCC+21, II08]. **Strong** [LLLW22]. **StructCoder** [TZR24]. **Structural** [ASZ21, CZY11, JHJK22, JS21, LWG+16, RJK+20, ZHL+21, ZH16]. **Structure** [CSG+16, CS24, GW20, JH22, LWS22, LHW+21, LLD+24, LYL+22, LXR+23, LF23, MRJ11, RABR23, RBBV18, SG12, SWD+21, TZR24, WPW23, WJLY23, WLHH23, YLL+24, ZWYW24, ZHS+19, ZZY+21, ASHK14]. **Structure-Aware** [TZR24, ZWYW24]. **Structure-Driven** [WJLY23]. **Structure-Enhanced** [LXR+23]. **Structured** [FH14, GZXF16, GWZZ17, WPW23]. **Structures** [BB17, JPJ+22, WDH+24]. **Student** [LZZ+22b]. **Study** [SLK+24, ZZW09]. **style** [ZLY+20b]. **Sub** [GLG+22]. **Sub-tracks** [GLG+22]. **Subclasses** [NWA20]. **Subgraph** [CLJC24, NADR21, SSL+23, WLS+23, TVK10]. **Subgraph-Based** [WLS+23]. **Subgraphs** [BBC+24, hDRNlD21, PSP+18, PE20, RTG17]. **Subgroups** [RV20]. **subjective** [HGV+08]. **Subsampled** [KZW+22]. **Subsequence** [SGM+24]. **Subsequence-based** [SGM+24]. **Subsequences** [LYWL12, RCM+13]. **subsets** [SJR08]. **Subspace** [AT17, GFHL23, GFL+24, HSBH19, MYPB20, NC22, JTYY10, KKZ09]. **Substantial** [WAD12]. **Substitutes** [ZWG+19]. **Subtensor** [SHF18]. **Subtensors** [hDRNlD21]. **subtrees** [THD+08]. **Success** [KZZ+20]. **Succinct** [BLP21]. **succinctly** [MVT12]. **Sufficient** [LWW18, Web10]. **Suffix** [dVKCC11]. **Suggest** [LML+16]. **Suite** [RET+23]. **Sum** [WHG+18]. **summaries** [KT09]. **Summarization** [AAB+24, JPJ+22, KKB22, LOW+21, NTNP18, PA18, QCD+19, WZL+11, WZLG13, ZLSC24, WZLG12]. **Summarizing** [MVT12, WWLM23]. **Supervised** [CRC+23, CLJC24, CQH+24, DWL+24, JH22, JRC+23, JHC+23, LYT+23, LWH+24, MG24, NGMQ22, TR22, WN22a, XLS24, YWS+22, CCLZ18, CWWL24, Dor21, DIB24, GLW+23, Han24, JBGW24, LSL+22, LJG+24, RZY+23, WMZL24, YWL+24, ZWYZ24]. **Supervision** [BGJV12, GLW+23, NGMQ22, WSR+16, SM23]. **Support** [PBMID14, RWD23, SMS22, AGHN13, CX10]. **Supporting** [LZF+15]. **Surgical** [MMMJ16]. **Survey** [BG21, CRP+24, CE24, GLFV+19, GA22,

KP18, KR16, LRK+19, LGG+23, LZV24, LBT+23, LWW+23b, OCD+24, PDK24, SI21, SB21b, WZLZ23, WTZL22, YYS+24, YJT+24, YCL+21, ZGQ+24, KKZ09]. **Susceptibilities** [LSZ+19]. **Susceptibility** [ACK+22, ZS24]. **swap** [GMMT07]. **Swarm** [JBGW24, XXZ19]. **Sybils** [YWW+14]. **Symbolic** [CG23]. **Symmetrization** [ZZF24]. **Sync** [YWR+19]. **Synchronization** [LZD16]. **Synchronization-Core-Based** [LZD16]. **Synchronized** [JCB+16]. **Synopsis** [WCZ+22]. **Synthesis** [BTBg22]. **Synthetic** [SB21a, WNC+18]. **System** [CNZ+17, CKC+18, ELH23, GSWJ20, JDE+12, LH22, LGS+23, SRBC22, SYG+24, TYG+15, WSDL19]. **Systematic** [GHT+24, PGR18, PTL22]. **Systems** [Che18, CC19, CZZ+23, FN24, ABDM21, LSH+22, MAHT18, PSP+18, PDK24, WGL+23, WCX24, XML18, XZLL21, ZWC22, ZYS+21].

**Tabular** [SM23]. **Tag** [YWR+19]. **Tagged** [CLYC23]. **Tail** [HCC+18, ZZY24a]. **Tailed** [ZLHZ24]. **TAP** [LCX+23]. **target** [ZP09]. **Targeted** [HGY24]. **Targeting** [CPC10]. **Task** [DKSK22, GMS21, GHT+24, LCX+23, MAHT18, OGV22, SYLC16, SYG+24, WDH+24, WMW+22, XSZ+22, YYC+21, ZY14, ACE20, YLHY20, ZYH19]. **Task-Oriented** [XSZ+22]. **Tasks** [BGJV12, CLY12, LZZ+22b, MPG+23, TYW+21]. **TaSPM** [HGY24]. **Taxonomy** [GCL+19a, YW24, TLZ+08]. **TCN** [OJW+23]. **TDAN** [WLH24]. **Teaching** [LWH+24]. **team** [VALF12]. **Technical** [LWH+23]. **Technique** [AEEBEE20, CMS23, GXL24, SKM+22, YLL+21a]. **Techniques** [RJK+20, WZLZ23]. **Technologies** [QSS20]. **TechPat** [LWH+23]. **Telling** [LHN+20]. **Temporal** [ADR21, ASJ+23, BMZY21, CYOL16, CTC+22, CG23, CLJC24, CHY+24, CNZ+17, CYT+17, DKA11, FLL+22, GCB+21, JYH+23, LLC+22, LWC+23, LZY+24a, LYC+23, LSZ+19, LCX+23, QSST18, RLDL24, SYZ+24b, TC18, WZZ+22, WZWC23, WC15, XJW+21, XSZ+22, ZZXY21, ZLT+23, ZGY+22, ZH16, CLT+20, DCF+21, LLL+23b, OJW+23, RGL+23]. **Tendency** [BMZY21, KBR+16]. **Tendency-Guided** [BMZY21]. **Tensor** [ASZ21, BNY20, DDY+24, DKA11, HW21, HQWW22, PFS15, SCS14, SGCH19, WLP18, ZSC+23, STP+08]. **Tensor-Based** [ASZ21]. **Tensorizing** [JSG+19]. **Tensors** [FLC23, JK23, YLL19]. **Tenuous** [SSL+23]. **Term** [HZL20, JHC+23, ZGC18, TWC22]. **Test** [KZW+22, MAHT18, ZXZ+23, ZWYZ24]. **Test-time** [ZWYZ24]. **Testing** [LZF+15]. **Text** [BES15, BAMK18, CWW+24, ES15, GBBC24, GA22, JLZ+22, KL23, LWWW24, MHKG19, MN20, MES22, QCD+19, WPW23, WPD+24, YGL+22, II08]. **Text-level** [LWWW24]. **Text-Only** [CWW+24]. **Their** [BGWSB19, LCZ+09, ZBAG20]. **Theoretic** [BES15, XKH+16]. **Theory** [CT14, GBGL20, Jia24, VLK+23, YWC24, YDW+23, ZWSD24, STP+08]. **Things** [NGB18]. **Third** [HWZ+24]. **Thousands** [WCZ+24]. **Three** [LLY+21, LLZ+23, LDS+22, PPDSBLP16, RYM+24, WLL+22b, YLL19]. **Three-Order** [YLL19]. **Three-stage** [RYM+24]. **Three-Tier** [LDS+22]. **Three-Way** [WLL+22b, LLZ+23]. **Threshold** [SB24]. **Thresholded** [GJ16]. **Thresholding** [ZLZ+19]. **Tie** [SLL+23]. **Tied** [MNK18]. **Tier** [LDS+22]. **Tiered** [DTU21]. **Ties** [HDT+18, MYB19]. **Tight** [RU14]. **Time** [ABWI23, AOEM17, ABSP+18, ABW20, AZBW21, BLH+22, CRM+23, CE24, CSZ+21, CHZ23, CYL+24, DSL+24, DDY+24, GXLC21, GYX+22, GSST16, KHTR18, LLC+22, LWC+23, LLY+24,

LCWC20, LTB18, MGL+20, MH22, MMMJ16, OCD+24, PZJ+24, QXBT16, RET+23, RCM+13, SHL19, SBZR19, SYK22, SLW+18, SGM+24, TBW23, TR22, WSDL19, WBL21, XSZ+22, XZ23, YWR+19, YZZ22, ZHT20, ZLD+23, ZLZ+24, ZSM22, ZJJ+24, LSH20, ZWYZ24]. **Time-Aware** [GXLC21, GYX+22, XSZ+22, CSZ+21]. **Time-Series** [GSST16, LLC+22, MMMJ16, PZJ+24, SHL19, TR22, CRM+23, CE24, MH22, ZJJ+24]. **Time-Sync** [YWR+19]. **Time-Varying** [QXBT16, WBL21, YZZ22]. **Time-Warped** [ZHT20]. **Times** [VFA+15]. **Timescales** [IYSU12]. **TipTap** [NADR21]. **TKDD** [CT14, vLCV+19, MG09, TWCO16, Wan10, ZPSYY10, vLCV+18]. **TKDD-CASIN** [CT14]. **Today** [BT21]. **Together** [PPDSBLP16]. **Token** [OJLD22]. **Token-Blocking** [OJLD22]. **Tolerant** [MGL+20]. **TOMGPT** [CWW+24]. **Top** [ML15, SB24, BBC+19]. **Top-** [SB24, ML15, BBC+19]. **Topic** [GXL24, GCG22, HDQ+18, HLCR20, HF12, IAB22, IYSU12, JLZ+22, LZP20, QCD+19, TLZ+08, WZL+23c]. **Topic-Disentangled** [WZL+23c]. **Topics** [LML+16, PZW+18]. **Topology** [CS24, DIB24, GWZZ17, WZL+22]. **Total** [BBC+24]. **Totally** [ZLGY24]. **Totally-ordered** [ZLGY24]. **Tourism** [SMS22]. **Tourist** [CLYC23]. **TPmod** [BMZY21]. **TRACE** [FYN22]. **Traceable** [XWW+24]. **Tracing** [FSXL23, WMZL24]. **Tracking** [BBB+22]. **tracks** [GLG+22]. **Tradeoff** [QZB+23]. **Trading** [LYGG22, WZZ+24]. **Traffic** [DMGC21, CLT+20, DWH+23, HW21, JDE+12, LFY+23, LJL+23, LLL+23b, LCX+23, RLDL24]. **Trafficking** [VLK+23]. **Training** [CWW+24, LZL+22, LWH+24, WWZL23, WOGZ24, XWZ+22, ZWYZ24, WMZL24, ZLD+23]. **Trajectories** [LQW15, MXP20, RTM18, TYG+15, ZBL+20]. **Trajectory** [CHY+24, DDL21, GLG+22, HXY+19, JCC23, XLQ+24]. **Trajectory-User** [CHY+24]. **Transaction** [WCZ+22]. **Transactions** [Agg22]. **Transduction** [MES22]. **Transductive** [MES22]. **Transfer** [AHGA14, AZBW21, BGJV12, DKSK22, JYH+23, Jia24, LSS+22, LXC+22, LYTZ22, LYN+24, LGZ+21, LLX+24, MES22, SZF+23, WNH15, XWZ+22, ZFY14]. **Transferable** [RYM+24, SKW+21, WLH24]. **Transference** [OGV22]. **Transferring** [WYWY19]. **Transform** [SM21, SCCM22]. **Transformation** [HYYQ15, LLL+23b, LTB18, THYL24, XWW+24]. **Transformation-Based** [LTB18]. **Transformer** [LZL+23, TR22, TZR24]. **transforms** [PSFV13]. **Transit** [ELH23, LH22]. **Transitivity** [JSP15]. **Translated** [WSZ+16]. **Translations** [DA19]. **Transmission** [GSI19, ZHSL23]. **Transparency** [GBW+24]. **Transport** [DCF+21]. **Transportation** [LH22, LYC+23, LSH20]. **Travel** [FYN22]. **Traversal** [TAJY17]. **Treatment** [CSZ+21, HML+24, KCL+20]. **Tree** [LLB+22, RZF+24, THD+08, ZH21, Vad10]. **Tree-Based** [ZH21]. **Trees** [MRJ11, SI21, HAKU+08, LCZ07, VCKP08]. **Trends** [KP18]. **Triadic** [HDT+18, YWR+23, LTH+13]. **Triangle** [CC12, JSP15, PPDSBLP16, SOK+20, SLO+21, YSY+22, BBCG10]. **Triangle-Driven** [PPDSBLP16]. **Triangles** [AKM20, DERU17, LJK18]. **TRIÈST** [DERU17]. **Trifactorization** [WNH15]. **Triggered** [PSYJ24]. **Trillion** [PSP+18]. **Trillions** [RCM+13]. **Trip** [CCTW23]. **Triplet** [SWY+24]. **Truncated** [TLG+23]. **Truss** [CCG+24]. **Truss-based** [CCG+24]. **Trust** [GXLC21, HZZ+15, HNH+13]. **Trustworthy** [CXL+24, ZGQ+24]. **Truth** [WZX+23, WZB+23]. **TS** [ABWI23]. **TTS** [DDY+24]. **TTS-Norm** [DDY+24]. **Tucker**

[JK23]. **Twain** [HDC07]. **Tweet** [LLD+24]. **Twitter** [BPW+18, CFP19, MCS+18, VMR17]. **Two** [Dor19, SG12, HDC07]. **Two-end** [HDC07]. **Type** [LYZ+24, WLS+24, YTW+16].

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