

List of Projects in Data Mining

S-Logix

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1. Iterative Classifier Fusion System for the Detection of Android Malware, IEEE Transactions on Big Data, March 2017 [Java].
2. An Adaptive Pattern Learning Framework to Personalize Online Seizure Prediction, IEEE Transactions on Big Data, March 2017 [Java].
3. Practical Privacy-Preserving MapReduce Based K-means Clustering over Large-scale Dataset, IEEE Transactions on Cloud Computing, January 2017 [Java] .
4. An Android Malware Detection Approach using Community Structures of Weighted Function Call graphs, June 2017 [Java/J2EE].
5. App Miscategorization Detection: A Case Study on Google Play, IEEE Transactions on Knowledge and Data Engineering, March 2017 [Java].
6. LS-Join: Local Similarity Join on String Collections, IEEE Transactions on Knowledge and Data Engineering, March 2017 [Java].
7. Efficient Keyword-aware Representative Travel Route Recommendation, IEEE Transactions on Knowledge and Data Engineering, April 2017 [Java].
8. Keyword Search on Temporal Graphs, IEEE Transactions on Knowledge and Data Engineering, April 2017 [Java].
9. Matching Heterogeneous Events with Patterns, IEEE Transactions on Knowledge and Data Engineering, April 2017 [Java].
10. Classification under Streaming Emerging New Classes: A Solution using Completely-random Trees, IEEE Transactions on Knowledge and Data Engineering, April 2017 [Java].

11. A Multi-objective Optimization Approach for Question Routing in Community Question Answering Services, IEEE Transactions on Knowledge and Data Engineering, April 2017 [Java].
12. Adaptive ensembling of semi-supervised clustering solutions, IEEE Transactions on Knowledge and Data Engineering, April 2017 [Java].
13. I-Injection: Toward Effective Collaborative Filtering Using Uninteresting Items, IEEE Transactions on Knowledge and Data Engineering, April 2017 [Java].
14. Finding Related Forum Posts through Content Similarity over Intention-based Segmentation, IEEE Transactions on Knowledge and Data Engineering, May 2017 [Java].
15. Large-scale Location Prediction for Web Pages, IEEE Transactions on Knowledge and Data Engineering, May 2017 [Java/J2EE] .
16. Efficient Clue-based Route Search on Road Networks, IEEE Transactions on Knowledge and Data Engineering, May 2017 [Java].
17. Mining Competitors from Large Unstructured Datasets, IEEE Transactions on Knowledge and Data Engineering, May 2017 [Java].
18. An Approach for Building Efficient and Accurate Social Recommender Systems using Individual Relationship Networks, IEEE Transactions on Knowledge and Data Engineering, June 2017 [Java/J2EE].
19. Disambiguation-Free Partial Label Learning, IEEE Transactions on Knowledge and Data Engineering, July 2017 [Java].
20. Predictive Analytics for Complex IoT Data Streams, IEEE Internet of Things Journal, June 2017 [Java]
21. Semi-supervised Deep Reinforcement Learning in Support of IoT and Smart City Services, IEEE Internet of Things Journal, June 2017 [Java]
22. Data Driven Congestion Trends Prediction of Urban Transportation, IEEE Internet of Things Journal, June 2017 [Java]
23. Assessing Invariant Mining Techniques for Cloud-based Utility Computing Systems, IEEE Transactions on Services Computing, March 2017 [Java]
24. What and With Whom? Identifying Topics in Twitter Through Both Interactions and Text, IEEE Transactions on Services Computing, April 2017 [Java]

25. A Game-Theoretic Analysis of Adversarial Classification, IEEE Transactions on Information Forensics and Security, June 2017 [Java]
26. Privacy-Preserving Multi-keyword Top-k Similarity Search Over Encrypted Data, IEEE Transactions on Dependable and Secure Computing, April 2017 [Java]
27. Anonymization of Sensitive Quasi-Identifiers for l-diversity and t-closeness, IEEE Transactions on Dependable and Secure Computing, April 2017 [Java]
28. Behavior-based Collective Classification in Sparsely Labeled Networks, IEEE Access, July 2017 [Java]
29. Exploiting Fine-grained Co-authorship for Personalized Citation Recommendation, IEEE Access, June 2017 [Java/J2EE]
30. Merged Ontology and SVM-based Information Extraction and Recommendation System for Social Robots, IEEE Access, June 2017 [Java/J2EE]
31. Mining Human Activity Patterns from Smart Home Big Data for Healthcare Applications, IEEE Access, June 2017 [Java/J2EE]
32. Multi-Layered Clustering for Power Consumption Profiling in Smart Grids, IEEE Access, June 2017 [Java/J2EE]
33. Analysis of users' behaviour in structured e-commerce websites, IEEE Access, May 2017 [Java/J2EE]
34. A Model of Telecommunication Network Performance Anomaly Detection Based on Service Features Clustering, IEEE Access, March 2017 [Java/J2EE]
35. User-Service Rating Prediction by Exploring Social Users' Rating Behaviors, IEEE Transactions On Multimedia, March 2016 [Java].
36. Rating Prediction based on Social Sentiment from Textual Reviews, IEEE Transactions on Multimedia , 2016 [Java/J2EE].
37. Collaborative Filtering Service Recommendation Based on a Novel Similarity Computation Method, IEEE Transactions on Services Computing, 2016 [Java/J2EE].
38. User Next Web Page Recommendation using Weight based Prediction, International Journal of Computer Applications, May 2016 [Java/J2EE].
39. A Novel Approach for Data Clustering using Improved K-means Algorithm, International Journal of Computer Applications, May 2016 [Java]

40. Twitter sentiment analysis with deep convolutional neural networks, Proceedings of the 38th International ACM SIGIR Conference on Research and Development in Information Retrieval. ACM, 2015 [Java].
41. Dual Sentiment Analysis: Considering Two Sides of One Review, IEEE Transactions on Knowledge and Data Engineering, Aug 2015 [Java/J2EE]
42. Author Topic Model-Based Collaborative Filtering for Personalized POI Recommendations, IEEE Transactions on Multimedia, June 2015 [Java/J2EE]
43. TASC:Topic-Adaptive Sentiment Classification on Dynamic Tweets, IEEE Transactions on Knowledge and Data Engineering, June 2015 [Java/J2EE]
44. Effective Product Ranking Method based on Opinion Mining, International Journal of Computer Applications, June 2015 [Java/J2EE]
45. A Trust-Based Privacy-Preserving Friend Recommendation Scheme for Online Social Networks, IEEE Transactions on Dependable and Secure Computing, July-Aug 2015 [Java/J2EE]
46. Interpreting the Public Sentiment Variations on Twitter, IEEE Transactions on Knowledge and Data Engineering, 2014 [Java/J2EE]
47. KASR: A Keyword-Aware Service Recommendation Method on MapReduce for Big Data Applications, IEEE Transactions on Parallel and Distributed Systems, 2014 [Java/Hadoop]
48. Mining Social Media Data for Understanding Students' Learning Experiences, IEEE Transactions on Learning Technologies, 2014 [Java]
49. Authentication of k Nearest Neighbor Query on Road Networks, IEEE Transactions on Knowledge and Data Engineering, June 2014 [Java]
50. Identifying Features in Opinion Mining via Intrinsic and Extrinsic Domain Relevance, IEEE Transactions on Knowledge and Data Engineering, 2014 [Java]
51. ClubCF: A Clustering-based Collaborative Filtering Approach for Big Data Application, IEEE Transactions on Emerging Topics in Computing, 2014 [Java/Hadoop]
52. Optimized big data K-means clustering using MapReduce, The Journal of Supercomputing, 2014 [Java/Hadoop]

53. Fuzzy Rule Based Classification for Heart Dataset using Fuzzy Decision Tree Algorithm based on Fuzzy RDBMS, World Applied Sciences Journal, 2013 [Java].
54. Semantic Computing of Moods Based on Tags in Social Media of Music, IEEE Transactions on Knowledge and Data Engineering, Aug 2013 [Java]
55. Harnessing Folksonomies to Produce a Social Classification of Resources, IEEE Transactions on Knowledge and Data Engineering, Aug 2013 [Java/J2EE]
56. A Survival Modeling Approach to Biomedical Search Result Diversification Using Wikipedia, IEEE Transactions on Knowledge and Data Engineering, July 2013 [Java/J2EE]
57. Preventing Private Information Inference Attacks on Social Networks, IEEE Transactions on Knowledge and Data Engineering, Aug 2013 [Java/J2EE]
58. Automatic Semantic Content Extraction in videos using a fuzzy ontology and rule Based Model, 2013 [Java]
59. An information preserving water marking scheme for right protection of EMR system, 2013 [Java]
60. Lineage Encoding an efficient wireless XML Streaming supporting twig pattern queries, July 2013 [Java]
61. Secure Provenance Transmission for Streaming Data, IEEE Transactions on Knowledge and Data Engineering, Aug 2013 [Java]
62. LARS: An Efficient and Scalable Location-Aware Recommender System, IEEE Transactions on Knowledge and Data Engineering, 2013 [Java/J2EE]
63. Bayesian-Inference-Based Recommendation in Online Social Networks, IEEE Transactions on Parallel and Distributed Systems, April 2013 [Java/J2EE]
64. Efficient Algorithms for Mining High Utility Item sets from Transactional Databases, Aug 2013 [JAVA]
65. A System to Filter Unwanted Messages from OSN user Walls, Feb 2013 [Java]
66. SVM Training Phase Reduction Using Data Set Feature Filtering for Malware Detection, Mar 2013 [Java]
67. The Adaptive Clustering Method For the Long Time Problem of Recommender Systems, Aug 2013 [Java]

68. Fuzzy Web Data Tables Integration Guided by an Ontological and Terminological Resource, IEEE Transactions on Knowledge and Data Engineering, APRIL 2013 [J2EE]
69. A New Fuzzy Control Model for Kidney Patients, Applied Mathematics, 2012 [Java].
70. Privacy Preserving Decision Tree Learning Using Unrealized Data Sets IEEE Transactions on Knowledge and Data Engineering, February 2012 [JAVA]
71. Parallel Frequent-Item Sets Mining Using Systolic Arrays, Oct 2012 [Java]
72. An Ontology Based Text-Mining Method to Cluster proposals for Research Project Selection, May 2012 [JAVA]
73. Resilient Identity Crime Detection, IEEE Transactions on Knowledge and Data Engineering, March 2012 [Java/J2EE]
74. A Look-Ahead Approach to Secure Multiparty Protocols IEEE Transactions ON Knowledge and Data Engineering, July 2012 [JAVA]
75. Slicing: a New Approach for Privacy Preserving Data Publishing, IEEE Transactions on Knowledge and Data Engineering, March 2012 [Java/J2EE]
76. Automatic sentiment analysis of Twitter messages, Fourth International Conference on Computational Aspects of Social Networks (CASoN), IEEE, 2012 [Java]
77. A Framework for Personal Mobile Commerce Pattern Mining and Prediction, IEEE Transactions on Knowledge and Data Engineering, May 2012 [J2EE]
78. Mining Online Reviews for Predicting Sales Performance: A Case Study in the Movie Domain, IEEE Transactions on Knowledge and Data Engineering, April 2012 [Java/J2EE]
79. Movie Rating and Review Summarization in Mobile Environment, IEEE Transactions on Parallel and Distributed Systems, May 2012 [Java/J2EE]
80. A Machine Learning Approach for Identifying Disease-Treatment Relations in Short Texts, IEEE Transactions on Knowledge and Data Engineering, June 2011 [Java]
81. Mining Biomedical Data from Hypertext Documents, 24 December, 2011 [J2EE]
82. Data Leakage Detection, IEEE Transactions on Knowledge and Data Engineering, January 2011 [Java]