

**M.Tech CSE Major Projects List (2020-21)**

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|  |  **Data Mining** |  |
| 1 | Hybrid Recommender System for Tourism Based on Big Data and AI: A Conceptual Framework  | 2021 |
| 2 | Outage Cause Detection in Power Distribution Systems based on Data Mining | 2020 |
| 3 | Deep Correlation Mining Based on Hierarchical Hybrid Networks for Heterogeneous Big Data Recommendations | 2020 |
| 4 | Automatic detection of industrial wire rope surface damage using deep learning-based visual perception technology | 2020 |
| 5 | Efficiently mining frequent itemsets on massive data | 2019 |
| 6 | Hierarchical Topic Modeling of Twitter Data for Online Analytical Processing | 2019 |
| 7 | InfoFlow: Mining Information Flow Based on User Community in Social Networking Services | 2019 |
| 8 | A data-driven knowledge acquisition system: An end-to-end knowledge engineering process for generating production rules | 2019 |
| 9 | Early Integration Testing for Entity Reconciliation in the Context of Heterogeneous Data Sources | 2018 |
| 10 | Mining Precise-Positioning Episode Rules from Event Sequences | 2018 |
| 11 | Mining Summaries for Knowledge Graph Search | 2018 |
| 12 | Redundancy Reduction for Prevalent Co-Location Patterns | 2018 |
| 13 | Characterizing and Countering Communal Micro-blogs During Disaster Events | 2018 |
| 14 | Hashtagger+: Efficient High-Coverage Social Tagging of Streaming News | 2018 |
| 15 | A New Query Recommendation Method Supporting Exploratory Search Based on Search Goal Shift Graphs | 2018 |
| 16 | Optimizing Quality for Probabilistic Skyline Computation and Probabilistic Similarity Search | 2018 |
| 17 | Serendipitous Recommendation in E-Commerce Using Innovator-Based Collaborative Filtering | 2018 |
| 18 | SIMkNN: A Scalable Method for In-Memory kNN Search over Moving Objects in Road Networks | 2018 |
| 19 | Webpage Depth Viewability Prediction using Deep Sequential Neural Networks | 2018 |
| 20 | DeepClue: Visual Interpretation of Text-based Deep Stock Prediction | 2018 |
| 21 | An Iterative Classification Scheme for Sanitizing Large-Scale Datasets | 2017 |
| 22 | Collaborative Filtering-Based Recommendation of Online Social Voting | 2017 |
| 23 | Computing Semantic Similarity of Concepts in Knowledge Graphs | 2017 |
| 24 | Detecting Stress Based on Social Interactions in Social Networks | 2017 |
| 25 | Dynamic Facet Ordering for Faceted Product Search Engines | 2017 |
| 26 | Mining Competitors from Large Unstructured Datasets | 2017 |
| 27 | Continuous Top-k Monitoring on Document Streams | 2017 |
| 28 | Personal Web Re-visitation by Context and Content Keywords with Relevance Feedback | 2017 |
| 29 | Energy-efficient Query Processing in Web Search Engines | 2017 |

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