Abstract

Outlier Detection is very much popular in Data Mining field and it is an active research area due to its various applications like fraud detection, network sensor, email spam, stock market analysis, and intrusion detection and also in data cleaning. Here we will study some outlier detection technique which are mainly based on distance-based outlier detection with ranking approach and give some idea about the new technique which we will implement in future.

References

- Ding, W. and Marchionini, G. 1997 A Study on Video Browsing Strategies. Technical
Ranking with Distance based Outlier Detection Techniques: A Survey

- VARUN CHANDOLA University of Minnesota, "Outlier Detection: A Survey";

- Karanjit Singh and Dr. Shuchita Upadhyaya, Department of Computer Science and Applications, Kurukshetra University Kurukshetra, Haryana, India "Outlier Detection: Applications And Techniques";


- Wen Jin1, Anthony K. H. Tung2, Jiawei Han3, and Wei Wang4, "Ranking Outliers Using Symmetric Neighborhood Relationship"; An Efficient Algorithm for Outlier Detection in High Dimensional Real Databases; 2008.

- Nguyen Hoang Vu and Vivekandan Gopalkrishnan, "Efficient Pruning Schemes for Distance-Based Outlier Detection";

- Rajendra Pamula, Jatin, "Distance Based Fast Outlier Detection Method";

- Gustavo H. OrairCarlos H. C. Teixeira Wagner Meira Jr. Srinivasan Parthasarathy "Distance Based Outlier Detection: Consolidation and Renewed Bearing";

- Rajendra Pamula, Jatindra Kumar Deka, Sukumar Nandi, "An Outlier Detection Method based on Clustering";

- Kanishka Bhaduri, "Algorithms for speeding up distance-based outlier Detection";


- Ms. S. D. Pachgade, Ms. S. S. Dhande, "Outlier Detection over Data Set Using Cluster-Based and Distance-Based Approach";

- Yanyan Huang, Zhongnan Zhang*, Minghong Liao, Yize Tan, Shaobin Zhou, "A Hybrid Distance-Based Outlier Detection Approach";

- Vijay Kumar, Sunil Kumar, Ajay Kumar Singh, "Outlier Detection: A Clustering-Based Approach";

- Sakthi Nathiarasan A M. "Algorithm for Outlier Detection Based on Utility and Clustering (ODUC)"; Department of Computer Science and Engineering Adhiyamaan College of Engg, Hosur, India, International Journal of Advanced Research in


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