IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.67
Volume 5, Issue 4, March 2025

Data Base and Data Mining

Harmi Bhuva, Liza Chowdhury, Nayana Navare, Vanita Zambare, Vaishnavi Navle
First Year Computer Engineering
Guru Gobind Singh Polytechnic, Nashik, Maharashtra, India

Abstract: *KDD, or knowledge discovery in databases, refers to the autonomous exploration and analysis of extensive data resources. This systematic process seeks to identify genuine, valuable, novel, and comprehensible patterns within complex and large datasets. At the heart of this process lies data mining, which entails utilizing algorithms to scrutinize the data and uncover previously unnoticed patterns. The application of theory to evidence facilitates the analysis, prediction, and comprehension of events. The significance of knowledge discovery and data mining is heightened due to the vast accessibility and volume of data available today. It is not unexpected that both academics and practitioners have access to a variety of methodologies due to the rapid development of the field. No single method is universally superior to others. The data encompasses performance evaluation strategies and techniques, illustrates the application of different methods with examples from real-world scenarios and software tools, and seeks to gather an exhaustive list of all relevant techniques developed in the area.*

Keywords: Knowledge Discovery in Database (KDD), Data Repositories, Databases, Mining

DOI: 10.48175/IJARSCT-24047