Special Issue

Applications of Artificial Intelligence and Data Management in Data Analysis

Message from the Guest Editors

The scope of this Special Issue encompasses a wide range of AI techniques and their applications across various industries. It includes, but is not limited to:

- Machine learning: using algorithms to teach computers to learn from data and make predictions or decisions.
- Natural language processing: analyzing and understanding human language, including text and speech.
- Predictive analytics: forecasting future trends and outcomes based on historical data.
- Data preprocessing and integration: using AI to clean, normalize, and prepare data for analysis and combining data from various sources into a unified dataset.
- Data governance: implementing AI-powered tools for data quality management, compliance, and security.
- Data warehousing and data lakes: utilizing AI to optimize the design, management, and querying of data warehouses and lakes.
- Data visualization: creating interactive and informative visualizations using AI-powered tools.

The primary purpose of applying AI in data management is to improve the efficiency, effectiveness, and value of data analysis. By automating tasks, enhancing data quality, and facilitating data access, AI can help organizations.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

Editor-in-Chief

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