

Data Mining for Air Quality Prediction and Control Systems

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Abstract

Air quality management is a critical component of sustainable urban living. This paper utilizes data mining techniques to predict air quality and implement effective control strategies. By analyzing large-scale environmental datasets, the study identifies key pollution patterns and forecasts future trends. Results indicate that data mining can significantly enhance the precision of air quality prediction systems, enabling proactive environmental management.

(Keywords:)

Data Mining, Air Quality Prediction, Control Systems, Environmental Monitoring, Urban Sustainability

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