Predicting Through Machine Learning Algorithms

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Abstract*: This research paper explores the application of machine learning techniques for predicting future trends in various domains. The ability to accurately forecast trends has significant implications for decision-making and strategic planning. Traditional prediction methods often face challenges in handling complex and dynamic data patterns. In contrast, machine learning algorithms offer a promising approach by leveraging large datasets and automated learning. This paper reviews the steps involved in predictive modeling, discusses popular machine learning algorithms, examines case studies across different industries, and highlights challenges and future directions in the field.*

Keywords: machine learning

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