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(57) Abstract :

The present disclosure relates generally to field of predictive analytics. More specifically the present invention relates to a system for predicting user activities based on time-related features. The system (100) includes a server (102), a controller (104), a database (106) and an anomaly detection mechanism (108). The server (102) is configured to receive data related to user activities and time-related features. The controller (104) is embedded with machine learning algorithm that analyzes the data and generates predictions of future user activities based on predefined patterns and relationships between user activities and time-related features. The database (106) is configured for storing historical data related to user activities and time-related features. Further the present invention relates to a method for predicting user activities based on time-related features. Advantageously, the present invention relates to a performance-efficient system and method for predicting user activities based on time-related features.

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