

Time Series Prediction for the European Electricity Market

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Abstract

The European electricity market is highly dynamic and challenging to predict. This study aims to develop a predictive model that outperforms the current forecasting capabilities of the European Network of Transmission System Operators for Electricity (ENTSO-E). Based on historical and transmission data available from ENTSO-E and integrating various external features, e.g., weather forecasts, we will train and evaluate several machine learning models. Our goal is to enhance the accuracy of forecasts beyond those currently provided by the ENTSO-E platform, thus offering more reliable predictions for the European electricity market.
