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## 2023 9th International Conference on Computer Technology Applications : Submission (18) has been created.

1 message

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Hello,

The following submission has been created.

Track Name: ICCTA 2023

Paper ID: 18

Paper Title: Time Series Forecasting using LSTM Networks - Predicting Individual Household Electric Power Consumption

### Abstract:

Time series forecasting is a common task in many real-world applications, such as demand forecasting, stock market prediction, and weather forecasting. Long Short-Term Memory (LSTM) networks are a type of recurrent neural network (RNN) that are well-suited for modeling time series data due to their ability to retain information from previous time steps in their hidden state. In this paper, we review the use of LSTM networks for time series forecasting, including the various methods and techniques that have been proposed and their relative advantages and disadvantages. We also discuss some of the challenges and considerations involved in using LSTM networks for time series forecasting, and provide some best practices for designing and training effective LSTM models

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Secondary Subject Areas: Not Entered

Submission Files: Time Series Forecasting using LSTM Networks - Predicting.pdf (563 Kb, Thu, 29 Dec 2022 19:03:48 GMT)

Submission Questions Response: Not Entered

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