Chair for Integrated Systems
TUM Department of Electrical and Computer Engineering
Technical University of Munich

Seminar

Feature selection for LSTM neural networks

LSTM neural networks are widely used for forecasting time-series data. Such forecasting capabilities can have applications in run-time management of embedded systems. However, in such use cases run-time inference overhead becomes critical. One method to minimize overhead is to reduce the number of input features of the LSTM neural network while preserving forecasting accuracy. The goal of this seminar is to review and compare the state-of-the-art in feature selection methodologies for LSTM neural networks.

Advisors

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