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Subject: Machine Learning



Deep Learning - Dr. E. Fatemizadeh
Assignment 4

Question 1

One of the needed explanations is not in ipynb file:

Why there is no difference between BiLSTM and LSTM?

1. **Nature of the Data and Problem:** The problem does not significantly benefit from future context in each string of data, a Bi-RNN might not offer an advantage over traditional RNNs.
2. **Hyperparameters and Training:** Suboptimal hyperparameter choices and training procedures can affect the performance of both models.
3. **Evaluation Metrics and Experimental Setup:** The choice of evaluation metrics and experimental setup can influence the observed performance. Here we tested AUC and ACCURACY.