DA312 Advanced Machine Learning Lab
Assignment 5

18 March, 2024

Submission Guidelines

- Submit .ipynb or .py file to the Teams assignment.

- Include comments and explanations in your code.

Dataset

Dataset can be accessed at: link.

Task

Implement and evaluate two neural network models for sentiment analysis on the IMDB movie review dataset. Your objective is to classify movie reviews as positive or negative accurately.

1. A RNN Network (implement from scratch).

2. A LSTM network (using inbuilt functions).

Plot the training and validation loss curves over epochs for both models.