



Amirkabir University of Technology

Neural Networks

HW6 (LSTM , GRU)



Sentiment analysis

In this task we are going to analyze sentiment and classify the comments in IMDB dataset.(50k training , 25k validation , 25k test)

Q1) Do the essential preprocessing, such as removing punctuation or stop words as necessary.

Q2) Utilize an embedding technique to convert words into vectors.

Q3) Choose an appropriate data size for windowing.

Q4) Design a GRU model and an LSTM model for solving this problem