CENG463 Introduction to Machine Learning

Assignment #1

Due date: 25.04.2021

In this assignment, you're expected to implement a fully-connected neural network for the task of sentiment classification of movie reviews.

A dataset of movie reviews is provided where each review is accompanied by a label (either positive or negative).

Each review must be encoded as a list of word2vec embeddings of its words.

You can fix the review length as *200* words (If the review is shorter, you can add padding symbols. If it's longer, you can truncate it to the specified length.).

You're also provided with a sample code skeleton.

In part **a** of your implementation, you have to write all the code without using any neural network library in Python.

In part **b** of your implementation, you're expected to have a PyTorch implementation.