Sentiment Analysis for IMDB Movie Reviews

This assignment will work with the Large Movie Review Dataset and provide an understanding of how Deep Learning is used within the field of Natural Language Processing (NLP). We will train models to detect the sentiment of written text. More specifically, we will try to feed a movie review into a model and have it predict whether it is a positive or negative movie review.

The assignment has three main parts:

- Part one deals with training basic Bag of Words models.
- Part two will start incorporating temporal information by using LSTM layers.
- Part three will show how to train a language model and how doing this as a first step can sometimes improve results for other tasks