Sentiment Classification

Imported the data

- Used `imdb.load_data()` method

```
import numpy as np
import matplotlib.pyplot as plt
import tensorflow as tf
import warnings
warnings.filterwarnings("ignore")
from tensorflow.keras.preprocessing.sequence import pad_sequences
from tensorflow.keras.datasets import imdb
(X_train, y_train), (X_test, y_test) = imdb.load_data(num_words =
10000)
```

Pad each sentence to be of same length

- Took maximum sequence length as 300

```
X_train = pad_sequences(X_train, maxlen = 300)
X_test = pad_sequences(X_test, maxlen=300)
```

Shape of features & labels

```
X_train.shape
```