

Project Report-IMDB Sentiment Analysis

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Introduction

Sentiment Analysis is a common natural language processing task that Data Scientists need to perform. In this project, a sentiment classifier is built which evaluates the polarity of a piece of text as being positive or negative. We have selected the IMDB dataset: a set of 50,000 reviews from the Internet Movie Database. We shall be using different deep machine learning (Deep Neural Network) methods to classify movie reviews as positive or negative. The main objective of this project is to learn different deep learning techniques, though they were not taught in the HarvardX Data Science course. # Data Analysis ## Grabbing the Data