Sentiment Analysis Comparative Study

Project Description

Welcome to the Sentiment Analysis Comparative Study!

The aim of this project is to perform sentiment analysis on the Sentiment140 dataset, which is a publicly available dataset created by graduate students at Stanford University. The dataset consists of approximately 1,600,000 tweets that have been automatically annotated for sentiment.

For **Task 1**, we will build different machine learning models for sentiment analysis on the dataset. As a machine learning expert, it is important to search for suitable methods and try them out to obtain the best output. We have the freedom to use any model that has been presented during the course or explore alternative approaches that we believe could be useful.

Task 2 involves comparing the performance of the models and visualizing their results. This will enable us to determine which model performs better for sentiment analysis on the Sentiment140 dataset.

Overall, this mini project provides an opportunity to apply machine learning techniques to real-world data and evaluate their effectiveness. It also emphasizes the importance of exploring multiple approaches to find the best solution.