

Sentiment Analysis with Machine Learning

This project leverages machine learning techniques to perform sentiment analysis on textual data. The workflow includes data preprocessing, feature extraction, model training, and evaluation. Key highlights:

Preprocessing: Clean and prepare raw text data.

Feature Extraction: Convert text into numerical representations using techniques like TF-IDF.

Modeling: Train and evaluate machine learning models for sentiment classification.

Visualization: Present results and insights using informative plots.

This repository is ideal for understanding the pipeline of a text classification task and can serve as a starting point for NLP enthusiasts.