

Sentiment Analysis on Arabic Text

Overview:

This repository contains the code and resources for a bachelor project focused on Sentiment Analysis on Arabic text. The project was conducted exclusively on Google Colab and was a collaborative effort between Dell Egypt and the Ministry of Information Technology in Egypt.

Datasets:

The project leveraged two datasets, with a primary emphasis on the LABR dataset for conducting most experiments.

Models:

Various deep learning and machine learning models were explored, including CNNs, a hybrid model combining CNNs & Bi-LSTM, as well as classical approaches like Naive Bayes and Logistic Regression.

Word Embeddings:

The project utilized different word embeddings tailored for Arabic text, sourced from various past research papers, including MAZAJAK and fastText.

Outcome:

This bachelor project culminated in an overall grade of B+.

Finally, feel free to contact me on LinkedIn if you have any questions regarding this project.