#POINTERS

Sentiment Analysis
- This project focuses on performing sentiment analysis using the Hugging Face Transformers library.
- It analyzes the sentiment of text data and predicts whether the sentiment is positive or negative.

Overview
Sentiment analysis, also known as opinion mining, is the process of determining the sentiment or emotional tone expressed in a piece of text.
This project utilizes pre-trained models from the Hugging Face Transformers library to classify the sentiment of input text as either positive or negative.

Features
- Analyze the sentiment of input text using a pre-trained DistilRoberta model.
- Provides Python functions for sentiment analysis.
- Supports both model-based sentiment analysis and quantized model conversion to ONNX format.

Technologies Used:
This project is built using the following technologies:

Python: An interpreted high-level general-purpose programming language.
Transformers: A powerful library for natural language processing (NLP) tasks. DistilRoberta model is used.

Installation:
To use the Sentiment Analysis code, ensure you have run this code on colab. Follow these steps:
Ensure that the necessary modules, such as transformers, onnx, onnxruntime, and others, are installed in your Python environment.

Usage:
- To perform sentiment analysis using the pre-trained DistilRoberta model
- Use the analyze_sentiment(text) function to analyze the sentiment of text data.