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3-D

SENTIMENT ANALYSIS TOOL

LEVEL:INTERMEDIATE

Description: Use AI Builder to develop a tool that analyzes text sentiment

Skills: Sentiment analysis, AI Builder, text processing

Overview

This project helps create a sentiment analysis workflow using Power Automate. This project first takes a sentence or a paragraph from a user as an input . The workflow takes this input to AI Builder for sentiment analysis.Based on the input, it determines the sentiment of the user i.e Positive,Negative and Neutral. It then stores the probability of each sentiment dynamically in a pre-existing excel file.

Prerequisites

Before you begin, ensure you have:

- AI Builder

- Microsoft Power Automate account

- An Excel Online account (can be either OneDrive or Business)

- Understanding of how to use AI Builder with Power Automate

Workflow Description

1. Text Input: User enters text to be analysed.

2. Sentiment Analysis: The workflow sends the text to the AI Builder sentiment analysis which returns the probabilities of the sentiments.

3. Store Results: The results including the original text, the detected sentiment, and the probabilities for positive, negative, and neutral sentiments are stored in a specified Excel file.