

# **Project**

## **Customer Feedback Sentiment Analyzer**

### **Cell 1 – Installing libraries**

This cell installs the required Python libraries so that the sentiment analysis model can run properly in Google Colab.

### **Cell 2 – Importing pipeline**

This cell imports the pipeline function from Hugging Face, which makes it easy to use pretrained NLP models.

### **Cell 3 – Loading the sentiment model**

This cell loads a pretrained sentiment analysis model that can identify whether a given text is positive or negative.

### **Cell 4 – Testing with a sample sentence**

This cell checks if the model is working correctly by analyzing a sample customer review.

### **Cell 5 – Taking user input**

This cell allows the user to enter their own feedback and get the sentiment result.

### **Cell 6 – Analyzing multiple reviews**

This cell analyzes multiple customer reviews at once and prints the sentiment and confidence score for each review.

### **Cell 7 – Markdown explanation cell**

This cell explains the project details such as the model used, technique applied, and possible applications.

Each cell helps in building the project step by step by installing libraries, loading the model, analyzing customer feedback, and explaining the project.