

Mini Tech Challenge

- Build a small Python server/app that can:
 - Take a **sample customer call transcript** (you can copy a short dialogue from anywhere or make one up). Accept a transcript as input (via endpoint or simple UI).
 - Use the **Groq API** to:
 - **Summarize** the conversation in 2–3 sentences.
 - **Extract the customer's sentiment** (positive / neutral / negative).
 - Print the **original transcript**, the **summary**, and the **sentiment**.
 - Save the output into a **.csv** file with 3 columns → Transcript | Summary | Sentiment.

Example flow:

- Input: “Hi, I was trying to book a slot yesterday but the payment failed...”
- Output: Summary → “Customer faced a payment failure while booking a slot.”, Sentiment → “Frustrated/Negative”.
- Save into **call_analysis.csv**.

Deliverables:

1. Run the app on your machine.
2. Record a **4–5 minute video** (using Loom, Zoom recording, Google Meet recording, or any screen-sharing tool) explaining:
 - Your approach.
 - How the code works step by step.
 - Show the script running successfully.
 - Open the saved **.txt/.csv** file and show the result.

Submission:

- Share the **video recording link** (Loom/Drive).
- Share the **Python script file** (GitHub/GDrive).