

# Amazech AI Studio

AI Use Case requirements -

1. What we are trying to solve
2. How are we solving
3. What we can't solve

AI is all about Prompting.

Prompting - What is the context, personality of the prompt, clear, precise output, and steps that AI needs to follow.

Use Case 1 -

Invoice Data Extraction, Data Analytics, and ChatBot mode to understand about Data - Software that will perform these tasks.

Step 1 -

Creating a prompt to add in the AI systems so that it generates better codes.

Context - Create a detailed prompt for me with which I can develop a no-code solution that achieves the following output and ask me questions to refine the prompt.

Personality - Create a step-by-step guide and help me understand why and what we are doing.

Output - I want to create a webapp system that extracts data from pdf invoices and create analytical trends that I can access via chatbot system or if any information I need to get from the Pdfs, I can talk to it with my chat system.

Complete Prompt - Create a detailed prompt for me with which I can develop a no-code solution that achieves the following output and ask me questions to refine the prompt. Create a step-by-step guide and help me understand why and what we are doing. I want to create a webapp system that extracts data from PDF invoices and creates analytical trends that I can access via a chatbot system, or if I need any information to get from the PDFs, I can talk to it with my chat system.

Platforms -

API platforms - Extract data, create LLM models, Train models on our data, etc. (OpenAI, Mistral, ILama)

Software Building Platforms - Bolt, Firebase

## Friday Target (5/16/2025)

### Use Cases

1. Web-system about Processes of Amazeche - Any user who wants to understand the Amazeche process can basically ask questions to a system and it answers (Text and go-to-voice) - Pranav and Srikar - Gemini and Llama and openAI will work.
2. WebSystem for Invoices of Amazeche - Yasaswani, Parth, and Karna - Mistral API for Data extraction from Invoices.
3. Notebook LLM - The Idea is to create a podcast-like information on all Amazeche's offerings - Sachin and Sudeshna

Steps are -

1. Create clear prompts for the requirements
2. Collect Data to train your system or add to a knowledge base
3. Showcase it on the Frontend

RAG Models -

LLM - Large Language Model - Guide from where we need that water - APIs connection to our own system -  
RAG. <https://platform.openai.com/docs/api-reference/introduction>

Reference Website - <https://medicoed.com/>

Context - Write a clear email stating my issues due to which I was unable to complete the tasks. Issues were - cold and cough due to the weather change and heavy medication

Personality - I want output to be very empathetic and positive, with showing clearly that I am a competent person and ready to take on challenges.

Output - Email in business English

Prompt - Write a clear email stating my issues due to which I was unable to complete the tasks. Issues were - cold and cough due to the weather change and heavy medication. I want the output to be very empathetic and positive, showing clearly that I am a competent person and ready to take on challenges. Email in business English

NOTEBOOK LLM -

[https://notebooklm.google.com/notebook/bdf75404-2ffd-45fa-aef1-90136634a170?\\_gl=1\\*10hoyyy\\*\\_ga\\*NjgyNDU4NjU4LjE3NDcxNTAzODA.\\*\\_ga\\_WOLDH41ZCB\\*czE3NDcxNTAzNzkkbzEkZzEkdDE3NDcxNTAzNzkkajYwJGwwJGgw&original\\_referer=https:%2F%2Fnotebooklm.google%23&pli=1](https://notebooklm.google.com/notebook/bdf75404-2ffd-45fa-aef1-90136634a170?_gl=1*10hoyyy*_ga*NjgyNDU4NjU4LjE3NDcxNTAzODA.*_ga_WOLDH41ZCB*czE3NDcxNTAzNzkkbzEkZzEkdDE3NDcxNTAzNzkkajYwJGwwJGgw&original_referer=https:%2F%2Fnotebooklm.google%23&pli=1)

Use Case 4 - Crude Idea - A platform to onboard multiple local vendors like hospitals, shops, salons, so that any customer can book a specific time for services. Chat with the vendors to know about their services.

Prompt - Context, Personality and Output

Context - A web platform that serves multiple users at the same time to gather information about various local shops/hospitals vendors and book time.

Personality - Webapp should be like a guide to the users and a friend with which they can communicate

Output - A webapp that can be readily deployed.

Features - Features should include - ability to book time, chat with Vendors, know more about business, look at their rating

Prompt - A web platform that serves multiple users at the same time to gather information about various local shops/hospitals vendors and book time. Features should include - ability to book time, chat with Vendors, know more about business, look at their rating Webapp should be like a guide to the users and a friend with which they can communicate, A webapp that can be readily deployed.