How to run the PII Masking App Locally Using Docker

Prerequisites

1) **Docker Installed :** Ensure Docker Desktop or Docker is installed and running
2) **GEMINI_API_KEY** : Need a valid API key for the app to run.

Steps to Run the App

1) **Pull the Docker Image**
   - Open a terminal (Command Prompt/PowerShell on Windows, Terminal on Mac/Linux)
   - Run the following command to pull the pii_maksing_app_v2 image from Docker Hub:

     docker pull bodasowmya235/pii_masking_app_v2

   - This will download the latest version of the app image to your local machine

2) **Run the Docker Container:**
   - Run the following command to start the app, mapping the port 8502 on your local machine to port 8502 (if port 8502 is already in use, map with different local port for e.g., **-p 8503:8501**) in the container and provide the GEMINI_API_KEY in the command.

     docker run -p 8502:8502 -e GEMINI_API_KEY=<YOUR_KEY> bodasowmya235/pii_masking_app_v2

3) **Access the App:**
   - Once the container is running, open a web browser and navigate to **http://localhost:8502** to open the app