# Use an official Python runtime as a parent image

FROM python:3.9-slim

# Set the working directory in the container

WORKDIR /app

# Copy the current directory contents into the container at /app

COPY . /app

# Install any needed dependencies specified in requirements.txt

RUN pip install --no-cache-dir flask opencv-python-headless pandas scikit-learn matplotlib seaborn

# Expose the port number on which the Flask app will run

EXPOSE 5000

# Define environment variable

ENV FLASK\_APP=your\_flask\_app\_file\_name.py

# Run flask app when the container launches

CMD ["flask", "run", "--host=0.0.0.0"]

docker build -t flask-app .

docker run -p 5000:5000 flask-app