

HealthCheck ML App — Student Handout

This mini project demonstrates how to deploy a simple machine learning model using Flask. You will train a basic model, run it as a web API, and test it in your browser.

Download Project Files

Download the starter ZIP here: [HealthCheck ML App.zip](#)

Quick Start Commands

Step	Command
1. Install Dependencies	<code>pip install -r requirements.txt</code>
2. Train the Model	<code>cd model && python train_model.py && cd ..</code>
3. Run the Flask App	<code>cd app && flask --app main run</code>

Test in Browser

Once running, open `http://127.0.0.1:5000` in your browser. Enter a BMI and Blood Pressure value, then click 'Check Health' to see your prediction.

Deliverables

- Screenshot of your terminal showing Flask running.
- Screenshot of the browser with a successful prediction.
- Short reflection (2-3 sentences) on how Flask connects the model and front-end.