



The figure shows a screenshot of a code editor interface. On the left is the Explorer sidebar with a project structure for 'EARLY_DISEASE_RISK_PREDICTION'. The 'backend' folder contains 'app.py', 'run.py', 'graph.png', and 'health_data1.csv'. The 'static' folder contains 'graph.png'. The 'frontend' folder contains 'index.html', 'script.js', and 'style.css'. Below the sidebar are tabs for 'PROBLEMS', 'OUTPUT', 'DEBUG CONSOLE', 'TERMINAL', and 'PORTS'. The main area shows the content of the 'run.py' file:

```

5 print("Starting server...")
6 os.system("python app.py")
7
8 time.sleep(2)
9 webbrowser.open("http://127.0.0.1:5000")
10

```

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```

1  from flask import Flask, request, jsonify
2  from flask_cors import CORS
3  import pandas as pd
4  from sklearn.linear_model import LogisticRegression
5  import matplotlib.pyplot as plt
6  import os
7
8  app = Flask(__name__)
9  CORS(app)
10
11
12 DATA_PATH = "health_data1.csv"
13 data = pd.read_csv(DATA_PATH)
14
15
16
17

```

Early Disease Risk Prediction

Age:

55

BMI:

27.5

Sleep (hours):

6

Sugar Intake (grams/day):

40

Regular Exercise:

Yes



Smoking:

Non-Smoker



Alcohol:

No



Married:

Married



Predict Risk

Input Summary

Age: 55

BMI: 27.5

Sleep: 6 hrs

Sugar Intake: 40 g/day

Exercise: Yes

Smoking: Non-Smoker

Alcohol: No

Married: Yes

Predicted Risk: High Risk

Probability: 84.07%

