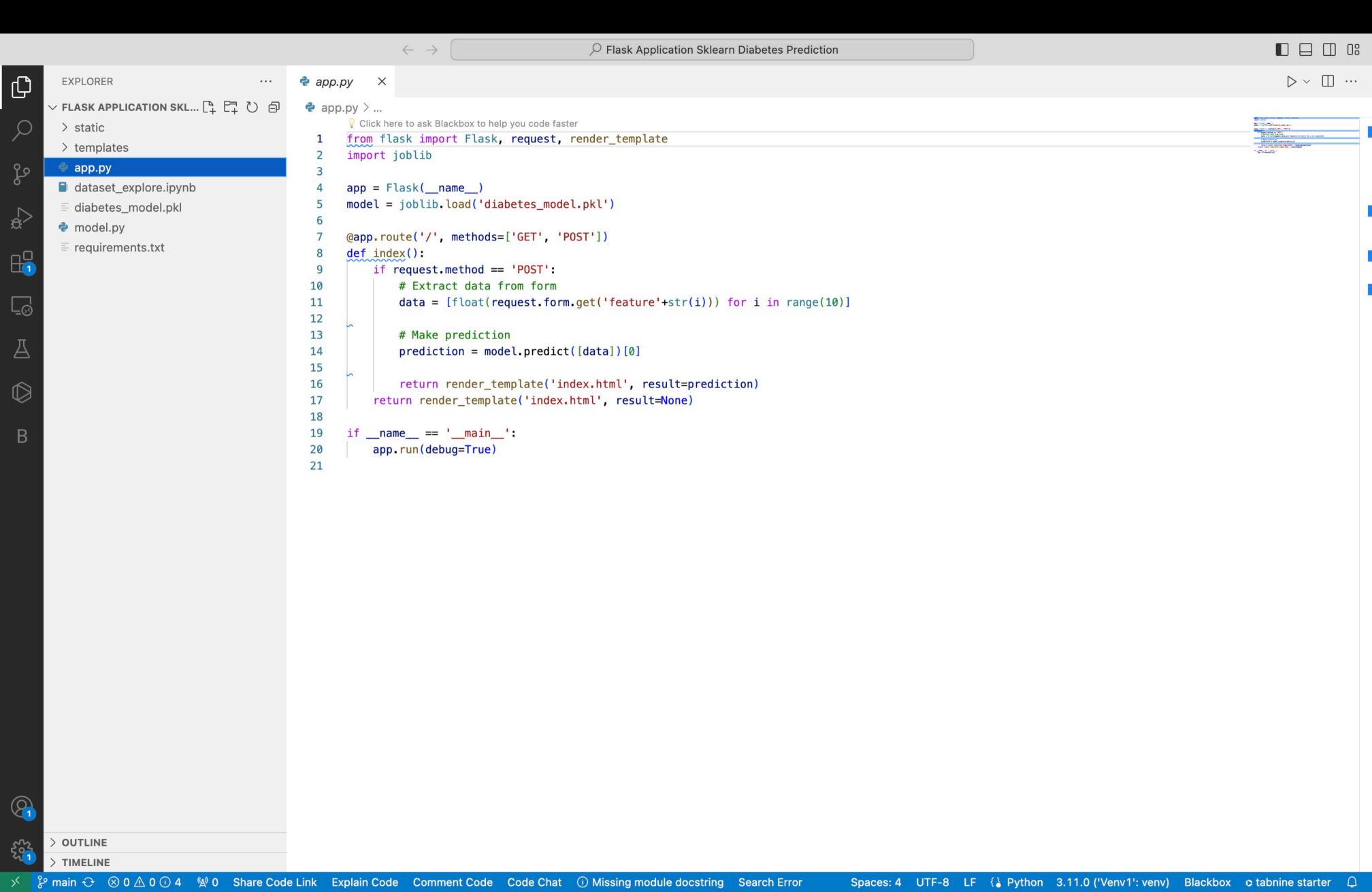
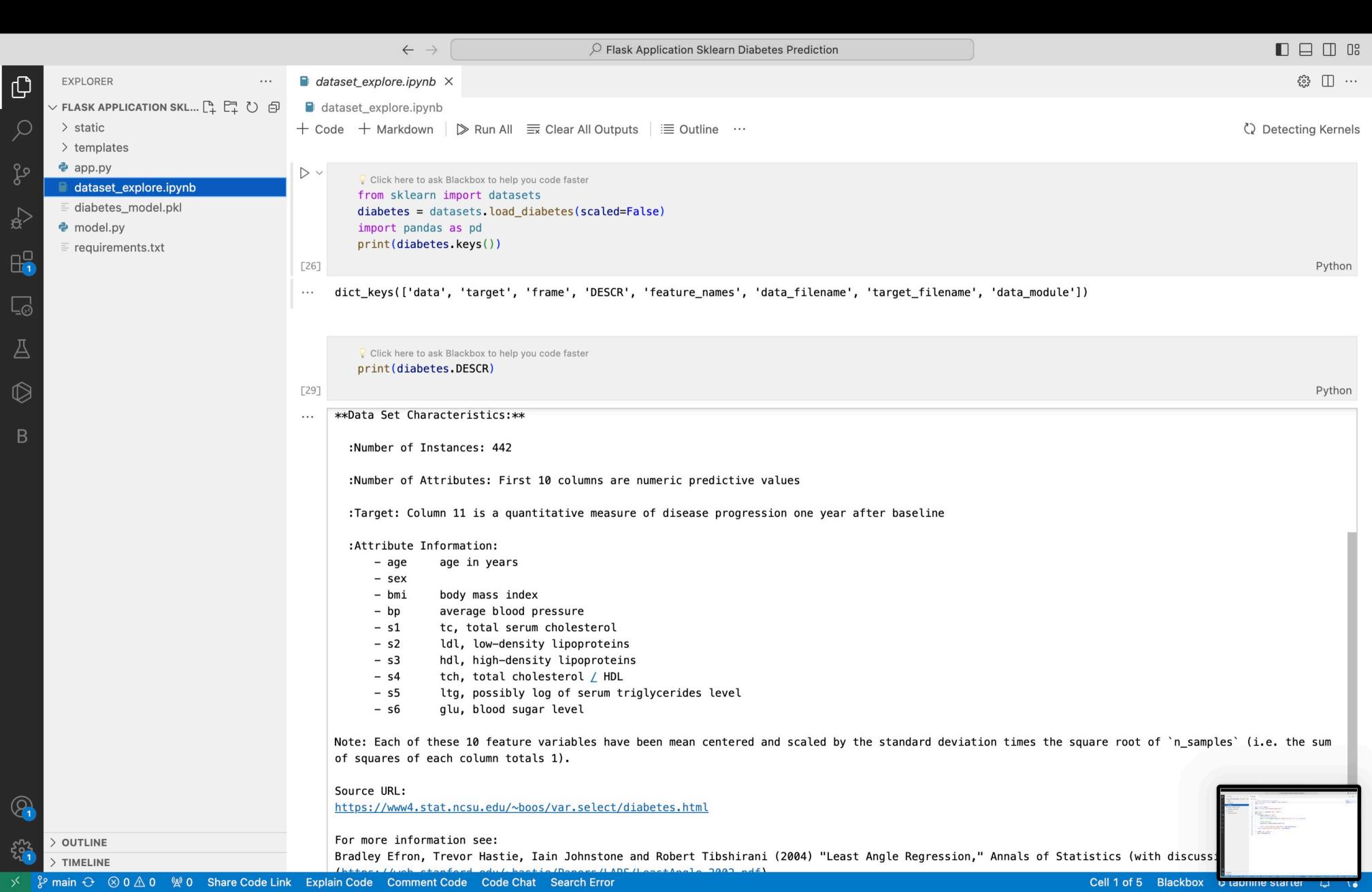
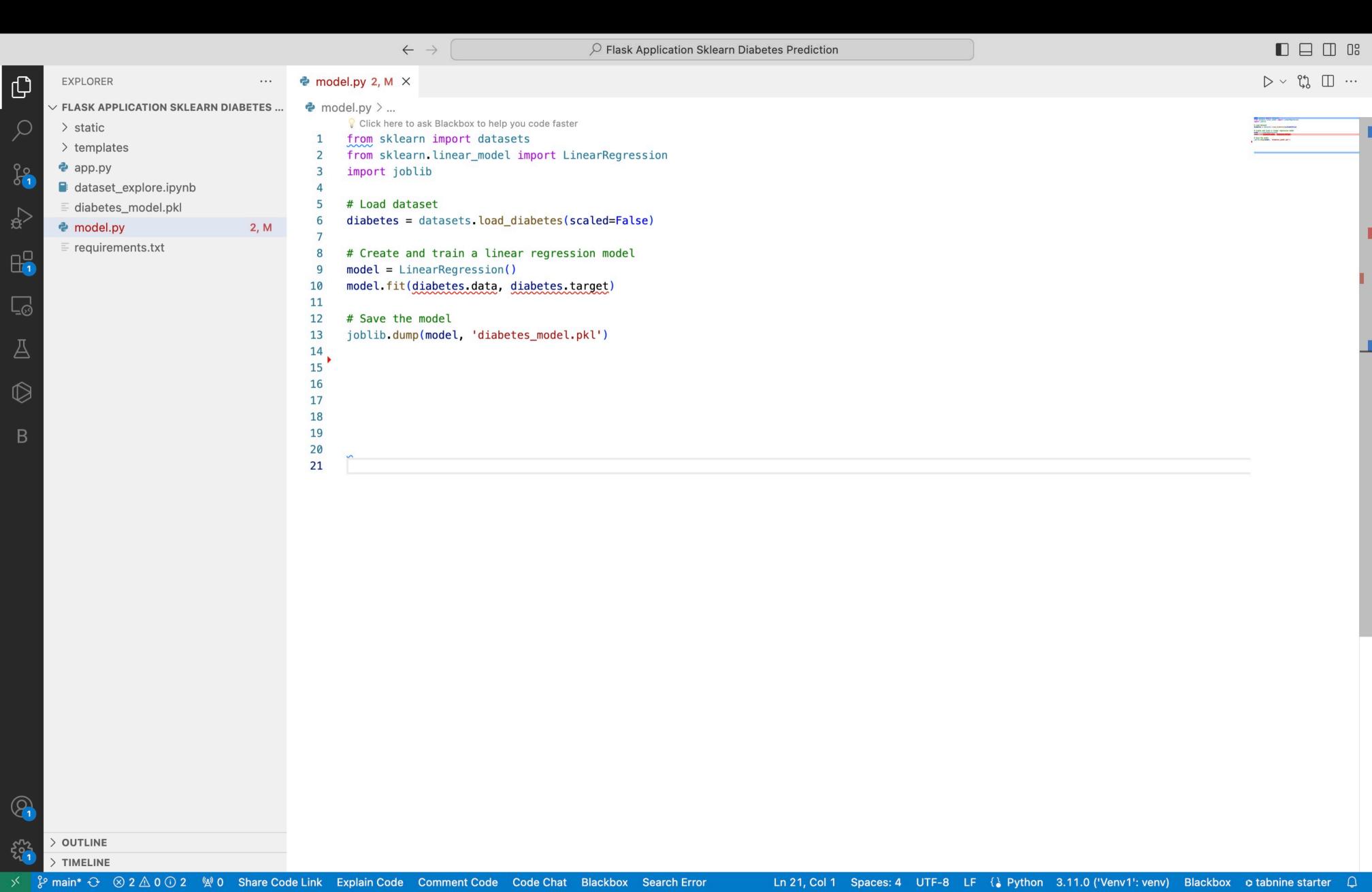
Name: Yusuf Shamsi Batch code: LISUM28 Submission date: 28/01/2024 Submitted to GitHub.







```
P Flask Application Sklearn Diabetes Prediction
                                                                                                                                                                                                        \triangleright \wedge \square \cdots
        EXPLORER
                                             app.py X

✓ FLASK APPLICATION SKLEARN DIABETES ...

                                              ? app.py > ...
                                                     Click here to ask Blackbox to help you code faster
        > static
                                                    from flask import Flask, request, render_template
        > templates
                                                     import joblib
app.py
                                                3
        dataset_explore.ipynb
                                                    app = Flask(__name__)
                                                    model = joblib.load('diabetes_model.pkl')

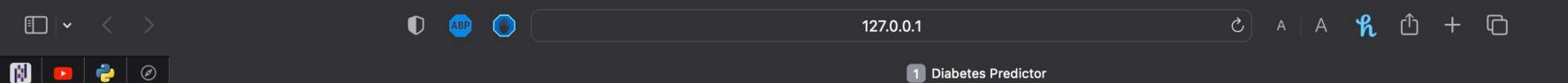
    ∃ diabetes_model.pkl

₽
        model.py
                                                    @app.route('/', methods=['GET', 'POST'])
        = requirements.txt
                                                    def index():
9
                                                        if request.method == 'POST':
                                               10
                                                             # Extract data from form
data = [float(request.form.get('feature'+str(i))) for i in range(10)]
                                               11
                                               12
                                               13
                                                             # Make prediction
                                               14
                                                             prediction = model.predict([data])[0]
                                               15
                                               16
                                                             return render_template('index.html', result=prediction)
                                               17
                                                        return render_template('index.html', result=None)
                                               18
                                                     if __name__ == '__main__':
                                               19
                                               20
                                                        app.run(debug=True)
                                               21
                                                                                                                                                                                     ∑ zsh + ∨ □ 🛍 ··· ^ ×
                                                                       DEBUG CONSOLE TERMINAL
                                                                                                   PORTS
                                                                                                            SEARCH ERROR
                                            ○ (Venv1) Yusuf@MacBook-Pro Flask Application Sklearn Diabetes Prediction % python3 model.py[]
      > OUTLINE
      > TIMELINE
y main* 🔾 🗴 0 🗘 0 🛈 4 🕍 0 Share Code Link Generate Commit Message Explain Code Comment Code Code Chat 🛈 Missing module docstring Search Error
                                                                                                                                                         { } Python 3.11.0 ('Venv1': venv) Blackbox ♀ tabnine starter ♀
```

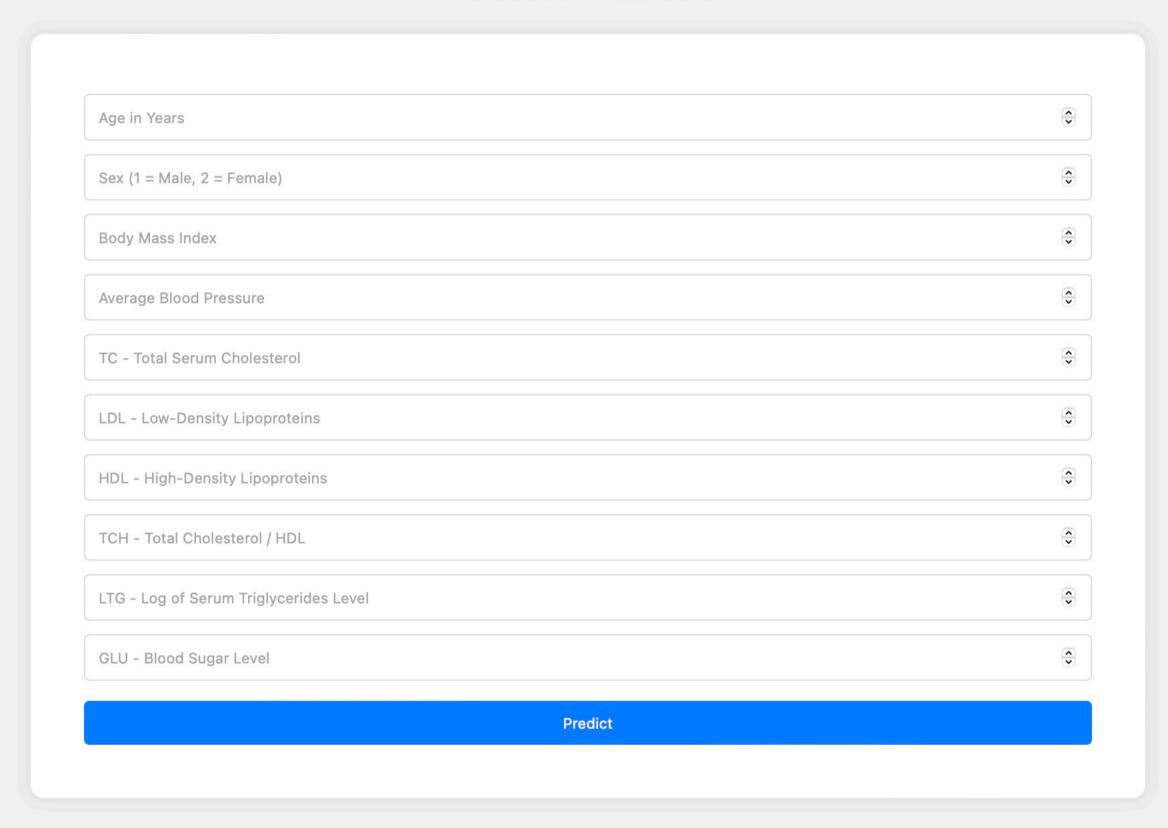
```
P Flask Application Sklearn Diabetes Prediction
                                                                                                                                                                                                      \triangleright \vee \square \cdots
        EXPLORER
                                             app.py X

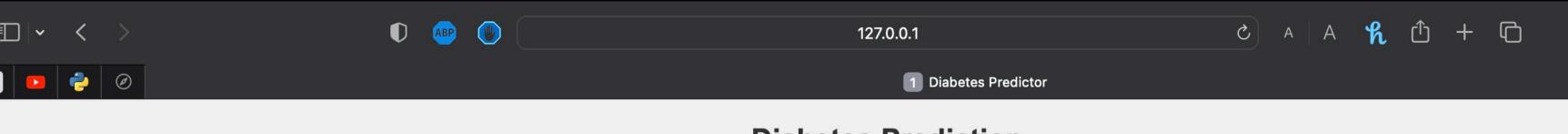
✓ FLASK APPLICATION SKLEARN DIABETES ...

                                              ? app.py > ...
                                                     Click here to ask Blackbox to help you code faster
       > static
                                                    from flask import Flask, request, render_template
       > templates
                                                    import ioblib
90
       app.py
                                                3
       dataset_explore.ipynb
                                                    app = Flask( name )
                                                    model = joblib.load('diabetes model.pkl')
        diabetes_model.pkl
Z
B
       model.py
                                                    @app.route('/', methods=['GET', 'POST'])
        = requirements.txt
                                                8
                                                    def index():
9
                                                        if request.method == 'POST':
                                                             # Extract data from form
                                              10
                                                             data = [float(request.form.get('feature'+str(i))) for i in range(10)]
11
                                               12
                                              13
                                                             # Make prediction
                                               14
                                                             prediction = model.predict([data])[0]
                                               15
                                               16
                                                             return render_template('index.html', result=prediction)
                                               17
                                                        return render_template('index.html', result=None)
                                               18
                                               19
                                                    if __name__ == '__main__':
                                               20
                                                        app.run(debug=True)
                                              21
                                                                                                                                                                                   ∑ Python + ∨ ∏ iii ··· ∧ ×
                                              PROBLEMS 4
                                                                       DEBUG CONSOLE
                                                                                        TERMINAL
                                                                                                   PORTS
                                                                                                            SEARCH ERROR
                                            • (Venv1) Yusuf@MacBook-Pro Flask Application Sklearn Diabetes Prediction % python3 model.py
                                            ○ (Venv1) Yusuf@MacBook—Pro Flask Application Sklearn Diabetes Prediction % python3 app.py
                                               * Serving Flask app 'app'
                                               * Debug mode: on
                                              WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
                                               * Running on http://127.0.0.1:5000
                                              Press CTRL+C to quit
                                               * Restarting with stat
                                               * Debugger is active!
                                              * Debugger PIN: 104-783-242
      > OUTLINE
      > TIMELINE
y main* 🔾 🗴 0 🗘 0 🛈 4 🕍 0 Share Code Link Generate Commit Message Explain Code Comment Code Code Chat Blackbox 🛈 Missing module docstring Search Error
                                                                                                                                                                   3.11.0 ('Venv1': venv) Blackbox c tabnine starter Q
```

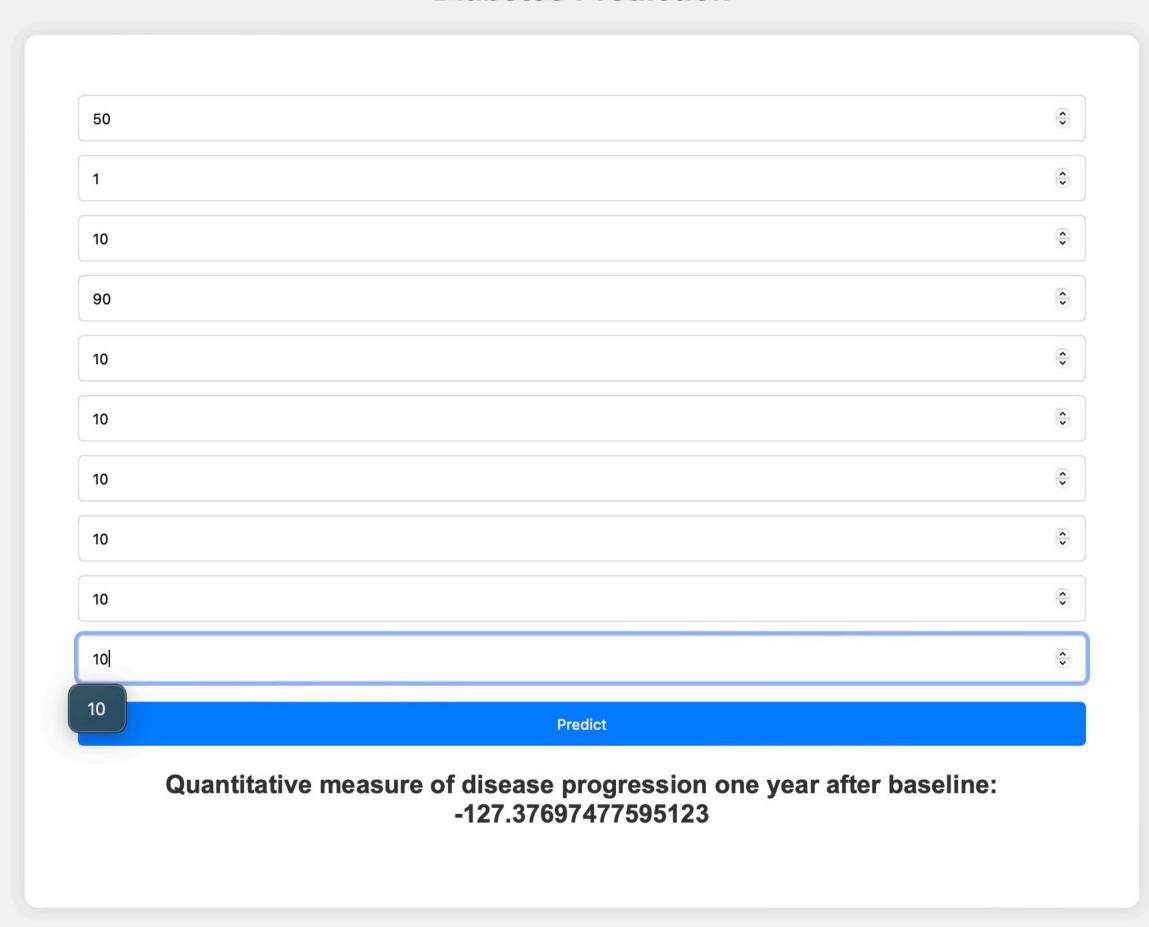


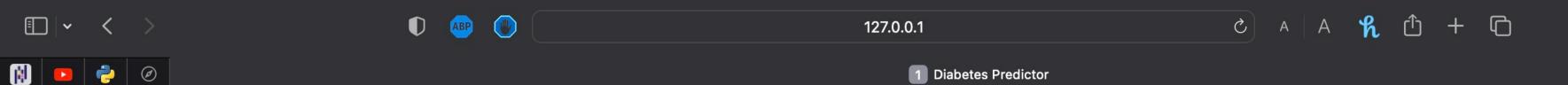
Diabetes Prediction



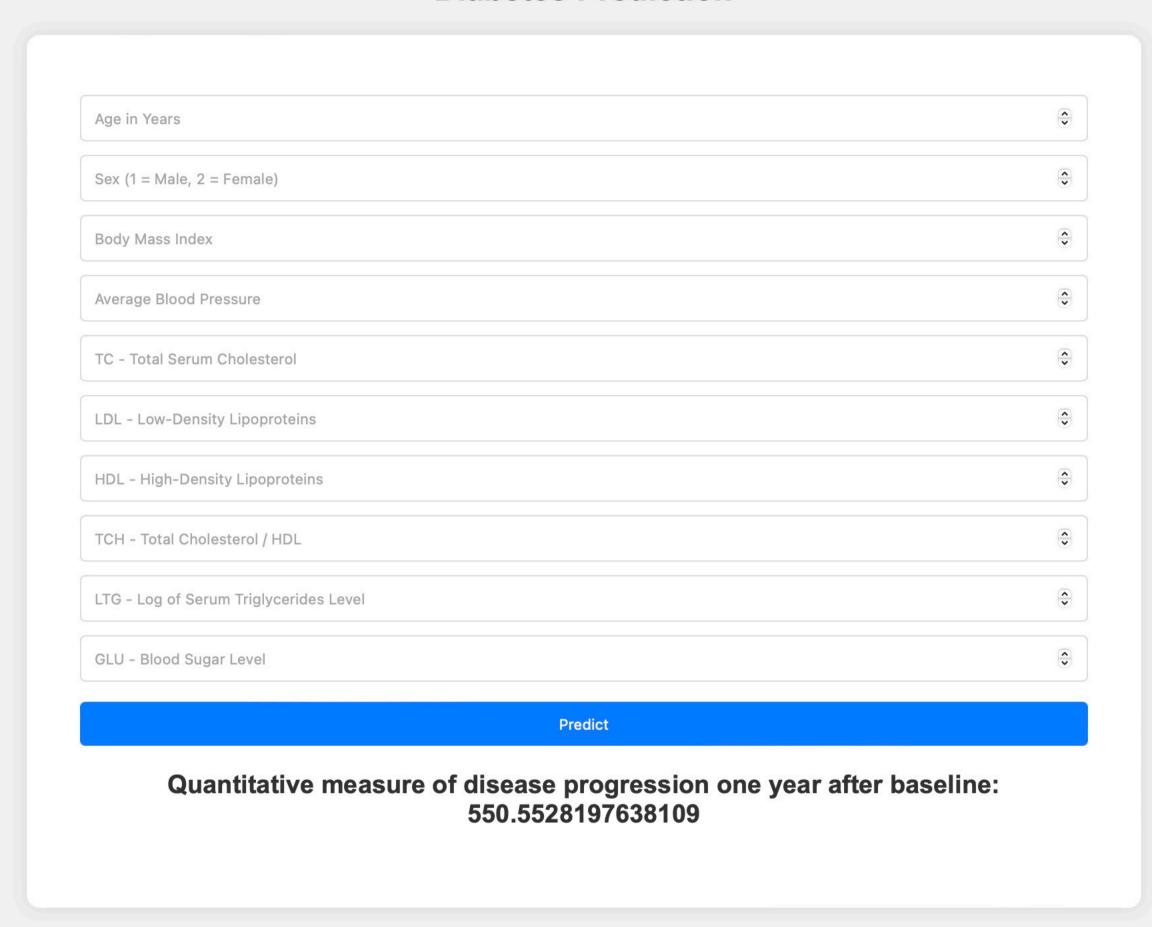


Diabetes Prediction





Diabetes Prediction



Priask Application Sklearn Diabetes Prediction D ~ (1) □ ··· **EXPLORER** app.py M X ∨ FLASK APPLICATION SKL...
☐ ☐ ○ ☐ app.py > index Click here to ask Blackbox to help you code faster > static from flask import Flask, request, render_template > templates import joblib 2 app.py 3 dataset_explore.ipynb 4 app = Flask(__name__) 5 model = joblib.load('diabetes_model.pkl') = diabetes_model.pkl æ 6 Flask Deployment Screenshots.pdf @app.route('/', methods=['GET', 'POST']) model.pv 8 def index(): 8 = requirements.txt 9 10 if request.method == 'POST': 11 # Extract data from form 12 data = [float(request.form.get('feature'+str(i))) for i in range(10)] 13 \mathbb{A} 14 # Make prediction 15 prediction = model.predict([data])[0] 16 17 return render_template('index.html', result=prediction) 18 return render_template('index.html', result=None) 19 if __name__ == '__main__': 20 21 app.run(debug=True) 22 ∑ zsh + ∨ □ ··· ^ × OUTPUT DEBUG CONSOLE TERMINAL **PORTS** SEARCH ERROR • (Venv1) Yusuf@MacBook-Pro Flask Application Sklearn Diabetes Prediction % python3 model.py (Venv1) Yusuf@MacBook-Pro Flask Application Sklearn Diabetes Prediction % python3 app.py * Serving Flask app 'app' * Debug mode: on WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead. * Running on http://127.0.0.1:5000 Press CTRL+C to quit * Restarting with stat * Debugger is active! * Debugger PIN: 104-783-242 127.0.0.1 - - [28/Jan/2024 20:55:36] "GET / HTTP/1.1" 200 -127.0.0.1 - - [28/Jan/2024 20:55:36] "GET /static/css/style.css HTTP/1.1" 200 -127.0.0.1 - - [28/Jan/2024 20:55:53] "GET /apple-touch-icon-precomposed.png HTTP/1.1" 404 -127.0.0.1 - - [28/Jan/2024 20:55:53] "GET /apple-touch-icon.png HTTP/1.1" 404 -127.0.0.1 - - [28/Jan/2024 20:55:53] "GET /favicon.ico HTTP/1.1" 404 -127.0.0.1 - - [28/Jan/2024 20:56:17] "POST / HTTP/1.1" 200 -127.0.0.1 - - [28/Jan/2024 20:56:17] "GET /static/css/style.css HTTP/1.1" 304 -127.0.0.1 - - [28/Jan/2024 20:56:57] "POST / HTTP/1.1" 200 -127.0.0.1 - - [28/Jan/2024 20:56:57] "GET /static/css/style.css HTTP/1.1" 304 -* Detected change in '/Users/Yusuf/Desktop/Flask Application Sklearn Diabetes Prediction/app.py', reloading > OUTLINE * Restarting with stat > TIMELINE * Debugger is active!

3.11.0 ('Venv1': venv) Blackbox o tabnine starter: See Tabnine Insights 💪 🚨

🔀 🎖 main* 🚭 🗵 0 🗘 0 🛈 5 🕍 0 Share Code Link Generate Commit Message Explain Code Comment Code Code Chat Blackbox Search Error