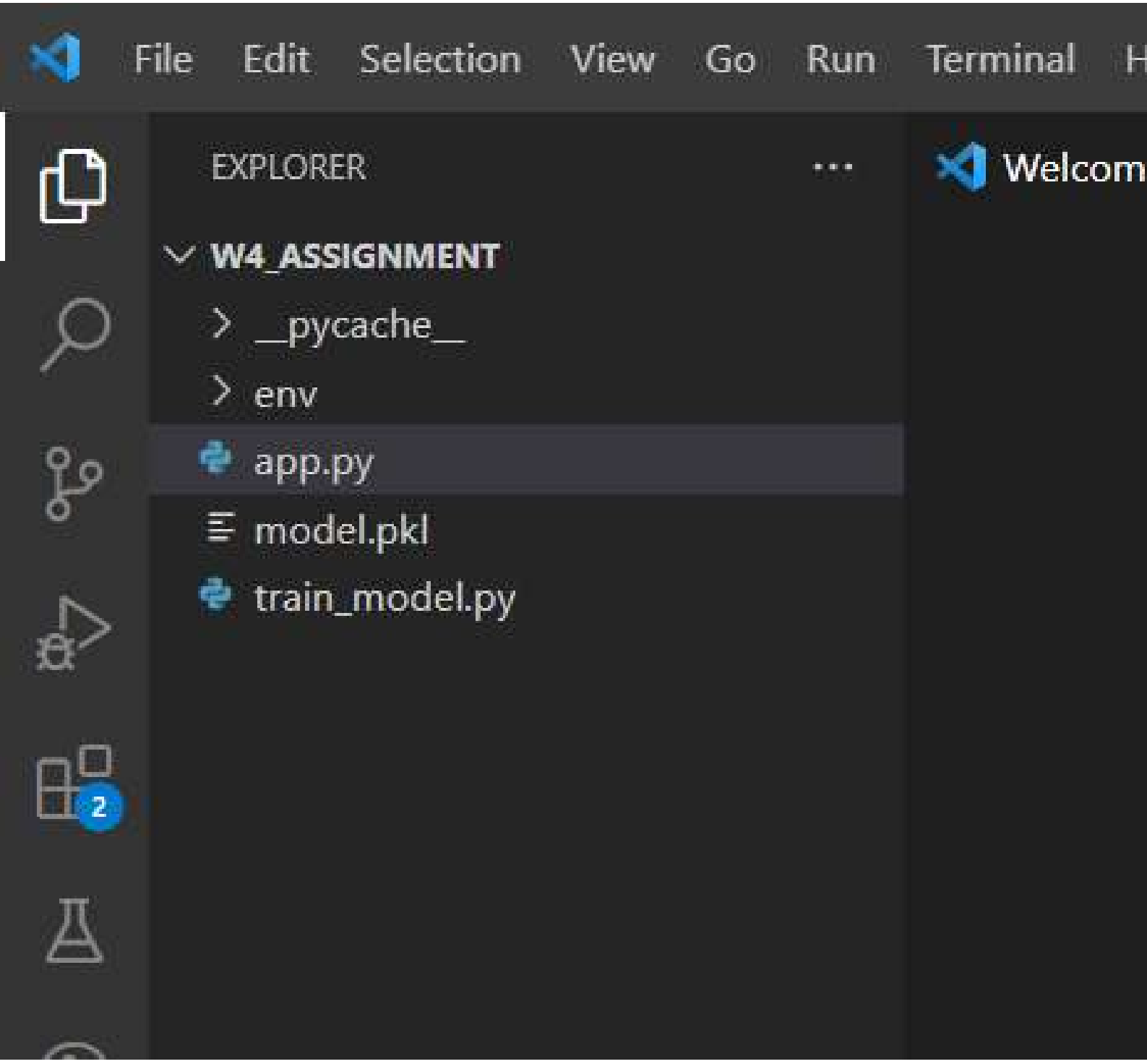
Name: G2M insight for Cab Investment firm (Must for all Specialization)
Report date: Week 4 (Due date 28 August 2023)
Internship Batch: LISUM24 30 July - 30 Oct 202
Version: 1.0
Data intake by: Abdullah Fatih Höcü
Data intake reviewer:<intern who reviewed the report>
Data storage location: https://github.com/hocuf/G2M-insight-for-Cab-Investment-firm--Data-Glacier.git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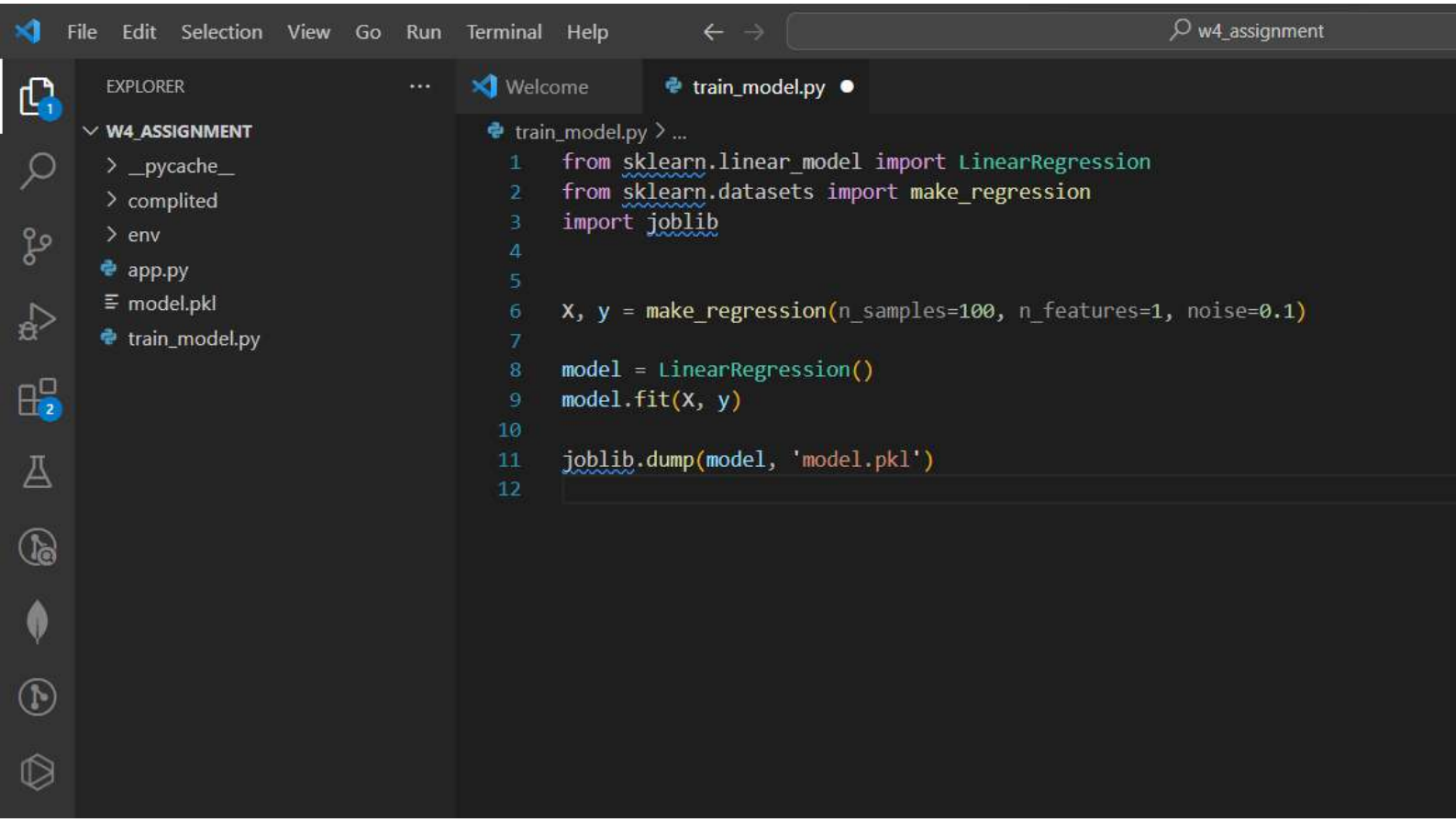
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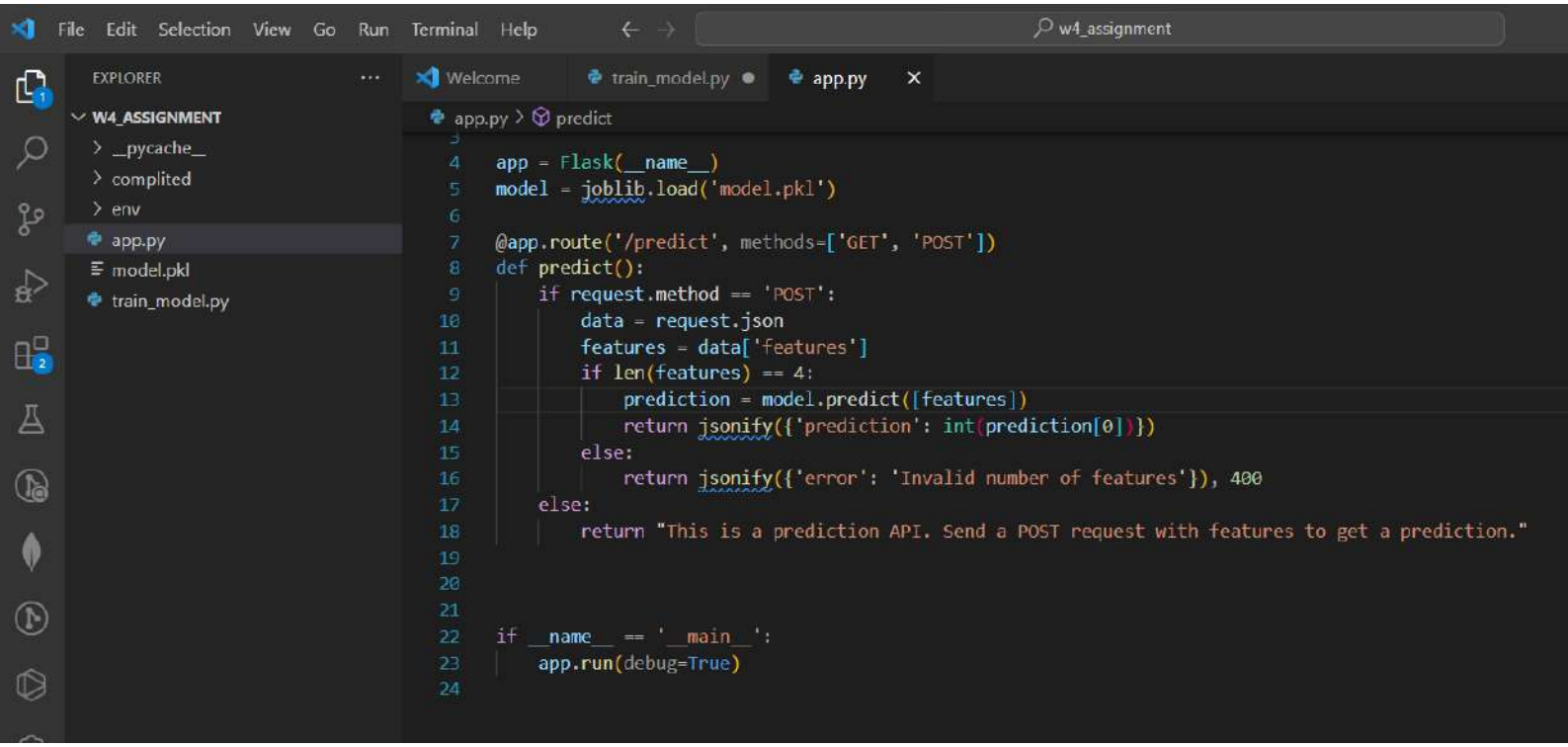
train_model.py
Welcome
train_model.py
train_model.py > ...
1 from sklearn.linear_model import LinearRegression
2 from sklearn.datasets import make_regression
3 import joblib
4
5
6 X, y = make_regression(n_samples=100, n_features=1, noise=0.1)
7
8 model = LinearRegression()
9 model.fit(X, y)
10
11 joblib.dump(model, 'model.pkl')
12


File Edit Selection View Go Run Terminal Help
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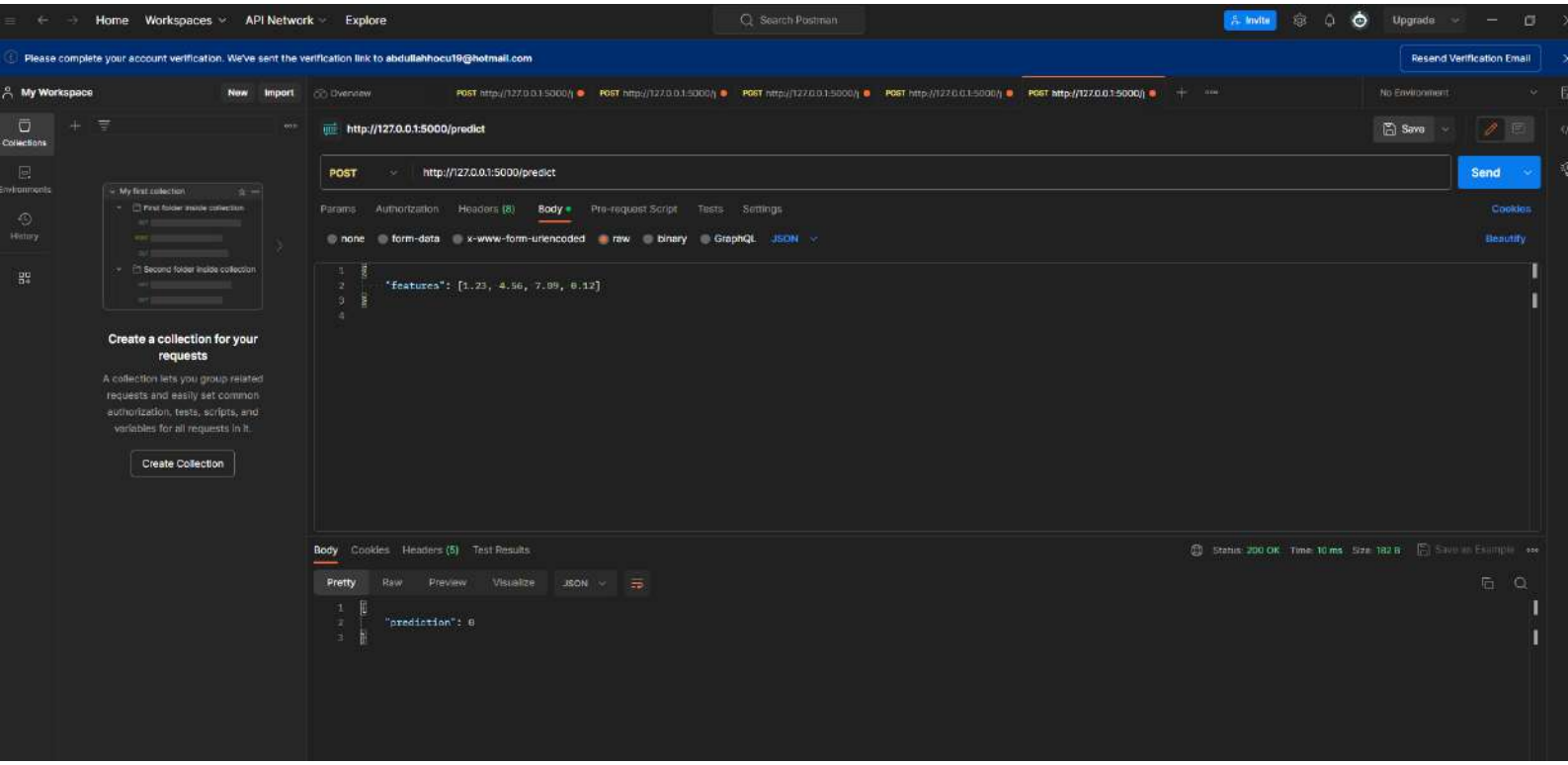
train_model.py
app.py
app.py > predict
app = Flask(__name__)
model = joblib.load('model.pkl')
@app.route('/predict', methods=['GET', 'POST'])
def predict():
if request.method == 'POST':
data = request.json
features = data['features']
if len(features) == 4:
prediction = model.predict([features])
return jsonify({'prediction': int(prediction[0])})
else:
return jsonify({'error': 'Invalid number of features'}), 400
else:
return "This is a prediction API. Send a POST request with features to get a prediction."
if __name__ == '__main__':
app.run(debug=True)


Home
Workspaces
API Network
Explore
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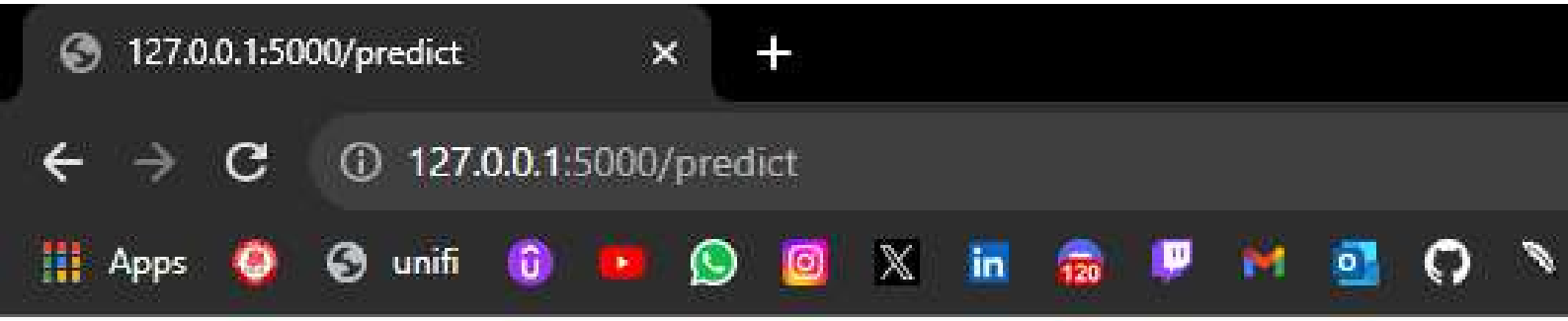
Invite
Upgrade
Please complete your account verification. We've sent the verification link to abdullahhocu19@hotmail.com
Resend Verification Email
My Workspace
New
Import
Collections
Environments
History
Create a collection for your requests
A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.
Create Collection
Overview
No Environment
http://127.0.0.1:5000/predict
Save
POST
http://127.0.0.1:5000/predict
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"features": [1.23, 4.56, 7.89, 0.12]
}
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 10 ms
Size: 182 B
Save as Example
Pretty
Raw
Preview
Visualize
JSON
{
"prediction": 0
}



This is a prediction API. Send a POST request with features to get a prediction.