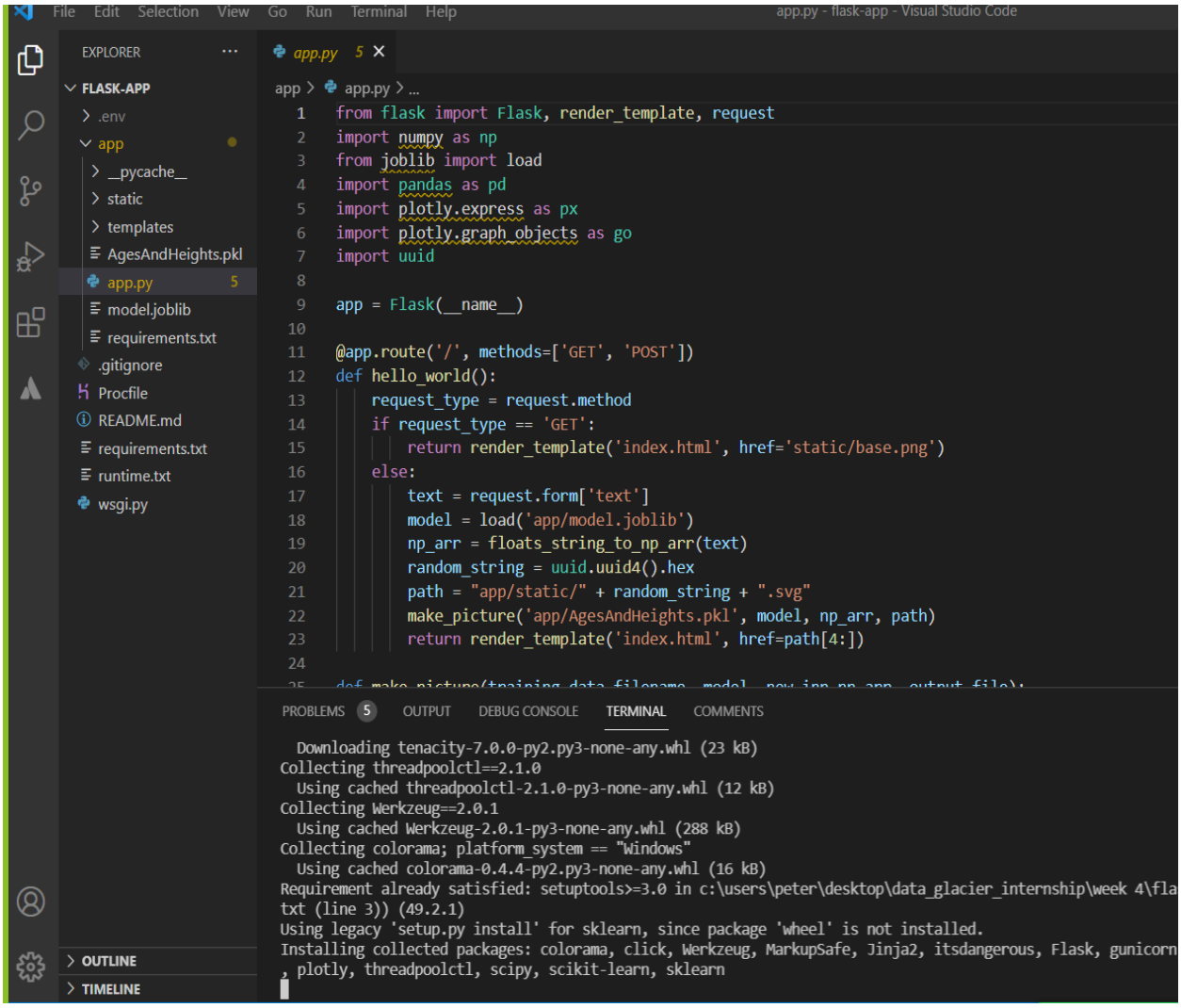
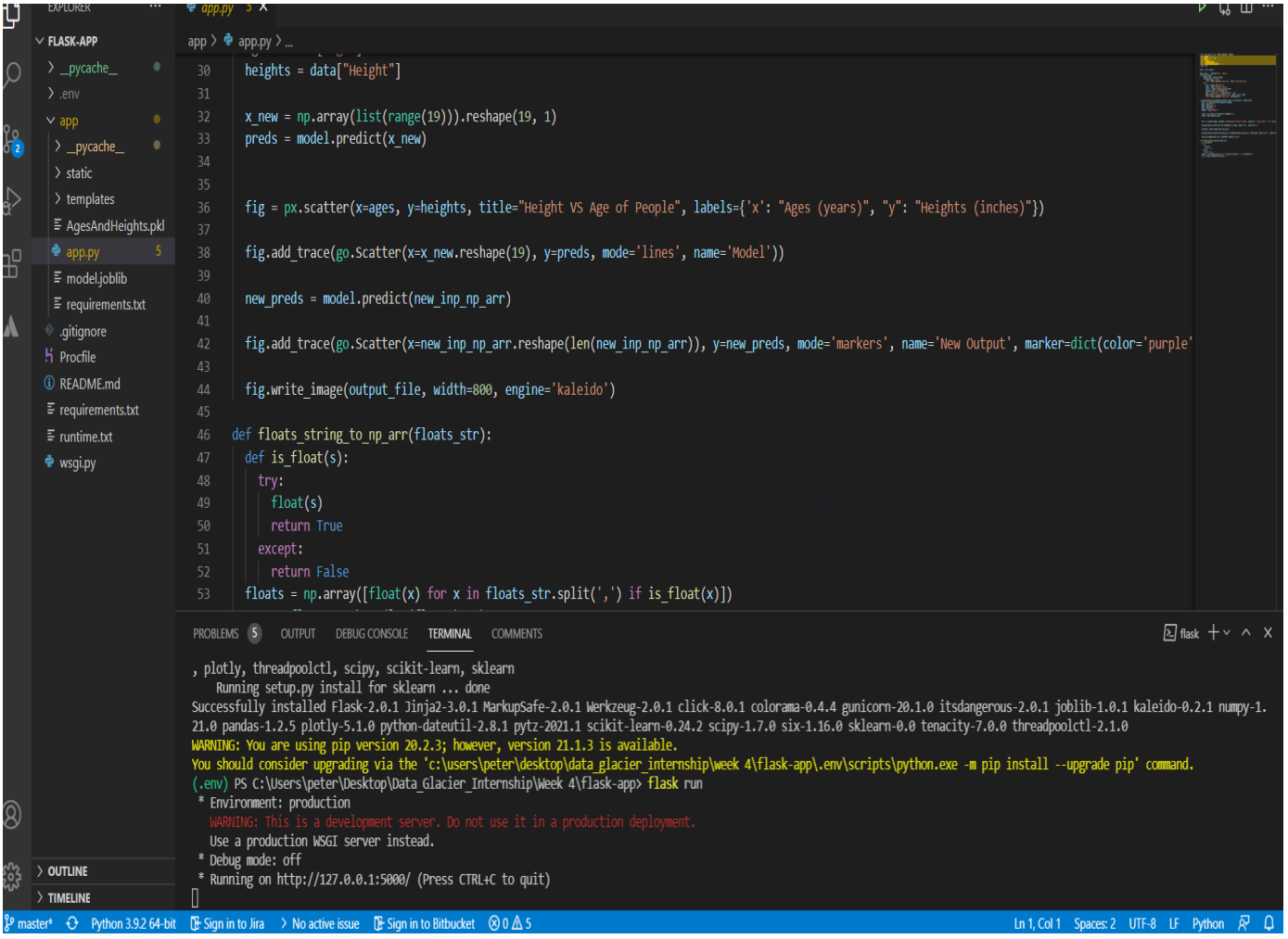
Data Intake Report

Name: Flask Model
Report date: July 01, 2021
Internship Batch: LISUM01
Version:1.0
Data intake by: Nicolette Peterkin
Data intake reviewer Nicolette Peterkin
Data storage location: https://github.com/NicolettePeterkin/flask-demo-week4.git
Submitted to: Data Glacier

Pictorial data details:




FLASK-APP
pycache
.env
app
pycache
static
templates
AgesAndHeights.pkl
app.py
model.joblib
requirements.txt
.gitignore
Procfile
README.md
requirements.txt
runtime.txt
wsgi.py
app.py
app > app.py > ...
heights = data["Height"]
x_new = np.array(list(range(19))).reshape(19, 1)
preds = model.predict(x_new)
fig = px.scatter(x=ages, y=heights, title="Height VS Age of People", labels={'x': "Ages (years)", "y": "Heights (inches)"})
fig.add_trace(go.Scatter(x=x_new.reshape(19), y=preds, mode='lines', name='Model'))
new_preds = model.predict(new_inp_np_arr)
fig.add_trace(go.Scatter(x=new_inp_np_arr.reshape(len(new_inp_np_arr)), y=new_preds, mode='markers', name='New Output', marker=dict(color='purple'
fig.write_image(output_file, width=800, engine='kaleido')
def floats_string_to_np_arr(floats_str):
def is_float(s):
try:
float(s)
return True
except:
return False
floats = np.array([float(x) for x in floats_str.split(',') if is_float(x)])
PROBLEMS 5
OUTPUT
DEBUG CONSOLE
TERMINAL
COMMENTS
flask
, plotly, threadpoolctl, scipy, scikit-learn, sklearn
Running setup.py install for sklearn ... done
Successfully installed Flask-2.0.1 Jinja2-3.0.1 MarkupSafe-2.0.1 Werkzeug-2.0.1 click-8.0.1 colorama-0.4.4 gunicorn-20.1.0 itsdangerous-2.0.1 joblib-1.0.1 kaleido-0.2.1 numpy-1.21.0 pandas-1.2.5 plotly-5.1.0 python-dateutil-2.8.1 pytz-2021.1 scikit-learn-0.24.2 scipy-1.7.0 six-1.16.0 sklearn-0.0 tenacity-7.0.0 threadpoolctl-2.1.0
WARNING: You are using pip version 20.2.3; however, version 21.1.3 is available.
You should consider upgrading via the 'c:\users\peter\desktop\data_glacier_internship\week 4\flask-app\.env\scripts\python.exe -m pip install --upgrade pip' command.
(.env) PS C:\Users\peter\Desktop\Data_Glacier_Internship\Week 4\flask-app> flask run
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
OUTLINE
TIMELINE
master*
Python 3.9.2 64-bit
Sign in to Jira
No active issue
Sign in to Bitbucket
0 5
Ln 1, Col 1
Spaces: 2
UTF-8
LF
Python


127.0.0.1:5000
peterkin_nicolette -...
Watch movies, serie...
Online Courses - A...
Campus ENEB.com
Log In ‹ WordPress...
Free TEFL Course O...
Resume -nicolettep...
Height VS Age of People
Heights (inches)
Ages (years)
Model
New Output
Input a comma-separated list of age values:
Submit