

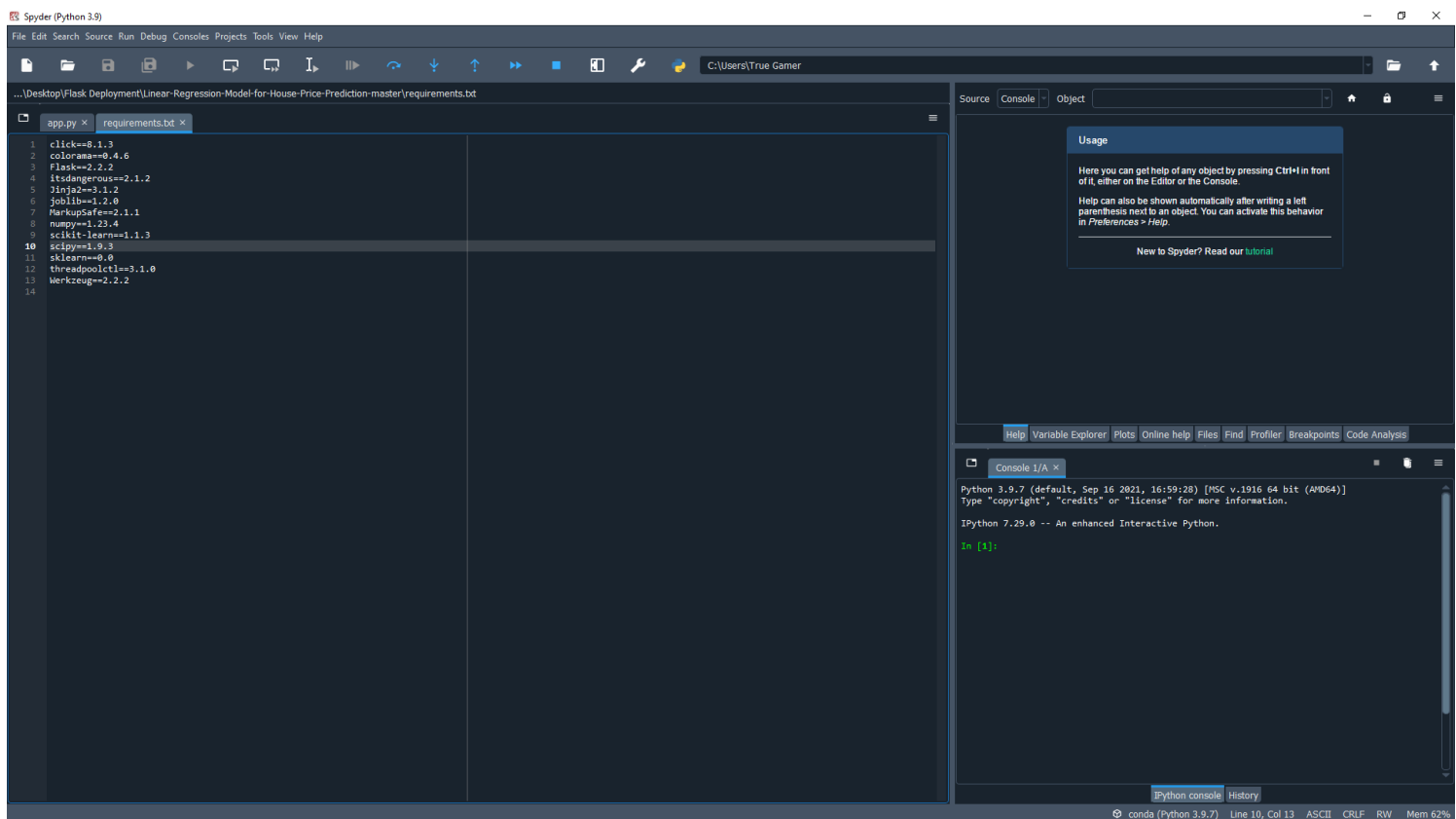
Data Glacier Week 5 Assignment

Name: Prajwal Sridhar

Batch Code: LISUM14

Submission: 05/11/2022

1. Requirements.txt file



The screenshot displays the Spyder Python IDE interface. The main editor window shows a file named `requirements.txt` with the following content:

```
1 click==8.1.3
2 colorama==0.4.6
3 Flask==2.2.2
4 itsdangerous==2.1.2
5 Jinja2==3.1.2
6 Joblib==1.2.0
7 MarkupSafe==2.1.1
8 numpy==1.23.4
9 scikit-learn==1.1.3
10 scipy==1.9.3
11 sklearn==0.0
12 threadpoolctl==3.1.0
13 Werkzeug==2.2.2
14
```

The right-hand pane contains the IPython console, which shows the following output:

```
Python 3.9.7 (default, Sep 16 2021, 16:59:28) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license()" for more information.

IPython 7.29.0 -- An enhanced Interactive Python.

In [1]:
```

The status bar at the bottom indicates the environment is `conda (Python 3.9.7)` and the current position is `Line 10, Col 13`.

2. I have used the same model which was used in week 4.

The screenshot shows the Heroku dashboard for an application named 'house-price-22'. The top navigation bar includes the Heroku logo and a search bar. The main content area is divided into two columns. The left column, titled 'Manual deploy', contains the text 'Deploy the current state of a branch to this app.' The right column, titled 'Deploy a GitHub branch', contains a form for selecting a branch to deploy. The form has a dropdown menu set to 'main' and a 'Deploy Branch' button. Below the form, there is a section for 'Receive code from GitHub' with a green checkmark. The 'Build main' section shows the output of the deployment process, including the installation of various Python packages like sklearn, numpy, and Flask. The output is displayed in a scrollable area with a 'View build log' link. At the bottom of the page, there is a footer with links to 'heroku.com', 'Blogs', 'Careers', 'Documentation', and 'Support', as well as 'Terms of Service', 'Privacy', 'Cookies', and '© 2022 Salesforce.com'.

Jump to Favorites, Apps, Pipelines, Spaces...

Choose a branch to deploy

main

☐ Wait for CI to pass before deploy
Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more](#)

Choose a branch to deploy

main

Deploy Branch

Receive code from GitHub

Build main 72517a54

```
Successfully built sklearn
Installing collected packages: threadpoolctl, numpy, MarkupSafe, joblib, itsdangerous, colorama, click, Werkzeug,
scipy, Jinja2, scikit-learn, Flask, sklearn
Successfully installed Flask-2.2.2 Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6
itsdangerous-2.1.2 joblib-1.2.0 numpy-1.23.4 scikit-learn-1.1.3 scipy-1.9.3 sklearn-0.0 threadpoolctl-3.1.0
-----> Discovering process types
Profile declares types -> (none)
-----> Compressing...
```

☒ Autoscroll with output [View build log](#)

Release phase

Deploy to Heroku

heroku.com Blogs Careers Documentation Support

Terms of Service Privacy Cookies © 2022 Salesforce.com

3. Model Deployed

HEROKU

Automatic deploys

Enables a chosen branch to be automatically deployed to this app.

Jump to Favorites, Apps, Pipelines, Spaces...

You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#)

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch is always in a deployable state and any tests have passed before you push. [Learn more](#)

Choose a branch to deploy

main

Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more](#)

Choose a branch to deploy

main

Deploy Branch

Receive code from GitHub

Build main 1877c1df

Release phase

Deploy to Heroku

Your app was successfully deployed.

View

heroku.com

Blogs

Careers

Documentation

Support

Terms of Service

Privacy

Cookies

© 2022 Salesforce.com