

Week 4 - Report

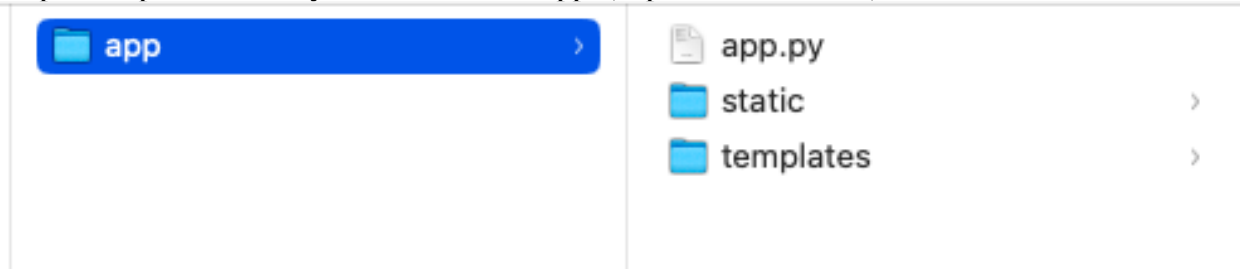
Name: <Data Analyst Intern>

Internship Batch:<LISUM23:30 >

Data intake by:<Dingyun Hu>

Submitted date: <August 3, 2023>

Step 1: Prepare necessary files for the webapp. (copied from week 4)



Step 2: Open Terminal at week 5 folder, and run command 'az login'

```
[(base) oliverhu@OliverdeAir app % az login]
A web browser has been opened at https://login.microsoftonline.com/organizations
/oauth2/v2.0/authorize. Please continue the login in the web browser. If no web
browser is available or if the web browser fails to open, use device code flow w
ith 'az login --use-device-code'.
```

Step 3: Create virtual environment

```
(base) oliverhu@OliverdeAir app % python3 -m venv .venv
[source .venv/bin/activate]
```

Step 4: Deploy the app to Azure using az webapp up.

```
(.venv) (base) oliverhu@OliverdeAir app % az webapp up --runtime PYTHON:3.9 --sku B1 --logs
The webapp 'gray-pebble-08d36d22c8824d6795a88f7265b77fd0' doesn't exist
Creating Resource group 'dh3517_rg_9553' ...
Resource group creation complete
Creating AppServicePlan 'dh3517_asp_9803' ...
[Creating webapp 'gray-pebble-08d36d22c8824d6795a88f7265b77fd0' ...
[Configuring default logging for the app, if not already enabled
Creating zip with contents of dir /Users/oliverhu/Desktop/DataGlacier Intern/week 5/app ...
Getting scm site credentials for zip deployment
Starting zip deployment. This operation can take a while to complete ...
Deployment endpoint responded with status code 202
You can launch the app at http://gray-pebble-08d36d22c8824d6795a88f7265b77fd0.azurewebsites.net
Configuring default logging for the app, if not already enabled
2023-08-03T21:48:45 Welcome, you are now connected to log-streaming service.
```

Step 5: Now go to Azure and check in web dashboard.

Home > App Services >

App Services

nyu.edu (nyu.edu)

+ Create ▾ ...

Filter for any field...

Name ↑↓

gray-pebble-08d36d22c8824d6795a88f... ▾

gray-pebble-08d36d22c8824d6795a88f7265b77fd0 Web App

Search

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)

Deployment

- Deployment slots
- Deployment Center

Settings

- Configuration
- Authentication
- Application Insights
- Identity
- Backup

Properties Monitoring Logs Capabilities Notifications Recommendations

Key Metrics [See all metrics](#)

Show data for the last : 1 hour

Http 5xx

Http Server Errors (Sum)
gray-pebble-08d36d22c8824d6795a88f7265b77fd0

0

Data In

Data In (Sum)
gray-pebble-08d36d22c8824d6795a88f7265b77fd0

367.1 kB

Data Out

Data Out (Sum)
gray-pebble-08d36d22c8824d6795a88f7265b77fd0

16.8 kB