

INFO7374 AlgorithmicDigitalMarketing

Yifu Liu: 001083896

Pengfei He: 001426963

Presentation PDF version

Assignment3_Team7.pdf

Codelab Link

https://codelabs-preview.appspot.com/?file_id=19wdtqKQXskP4tnHX6rXePuShPZpE81ZDvplO0bls-6w#0

Heroku Link

<https://limitless-river-04051.herokuapp.com/>

Our Submission

We implemented the requirement of Assignment using: Azure, Faker, Two Algorithm notebooks, Streamlit, FastAPI, Locust, Heroku.

Fake_Data

Inside the Fake_Data folder. There are the fake data we generated

FakeData_Generator

Inside the FakeData_Generator folder. There are two Faker code we used to generate the fake data. fake_data_ncf.py for ncf fake data. fake_data_npa.py for npa fake data.

Source_Code

This folder holds the source code for:

1 ncf_snack_team7.ipynb

NCF Algorithm to generate predicted data

2 npa_snack_team7.ipynb

NPA Algorithm to generate predicted data

3 recommendation.py

Streamlit APP

4 fastAPI.py

FastAPI

5 locustfile.py

Locust load testing

Screenshot

This folder holds all the screenshot, including streamlit, fastAPI, Algorithm, Heroku, Locust