15/02/2024

* Completed Statistics without Tears
* Extract, Transform, and Load Data using Python

16/02/2024

* Wrote python script to automate cleaning of questionnaire data
* Reliability test using SPSS
* Progressed on ETL project. Bug issues with extracting xml data
* Rejection mail from Amgen
* Submitted 2 applications

17/02/2024

* Took the tests and quiz to obtain IBM’s Python for Data Science, AI & Development course. Grade received: 95.93%
* Completed ETL example project I’ve been working on. There seems to be a bug. I’m not okay with some parts of the code. Starting another one tomorrow.
* Applied for Data Analyst intern offered by Winged Recruitment

18/02/2024

* Progress in ETL exercise

19/02/2024

* Didn’t do much today. Exhausted from day’s other activities. Managed to write one line of code

20/02/2024

* Finally, completed ETL project exercise. Hooooray

21/02/2024

* Re-learnt about HTML, beautiful soup, requests for webscraping.

22/02/2024

* Worked on LinkedIn profile
* Commenced web scrapping lab

23/02/2024

* Progressed in web scapping

24/02/2024

* Completed webscraping project. Wrote my own version different from Coursera’s algorithm. Wasn’t smooth but was rewarding.   
  Amazingly, pandas can automatically eliminate tags from html texts, this gave me some challenge. I noticed it when I was trying to save/load the data into a database.
* I also had some merge conflicts when I was trying to push to github. That will be for tomorrow

25/02/2024

* Started accessing databases with python exercise.

26/02/2024

* Simulated data science internship with British Airways provided by Forage. Webscrapped data, cleaned the data. Next step is to perform sentiment analysis. Research begins tomorrow.
* Had an interview/call with ALX and SAND technologies today. They wanted to check on me. Meeting was encouraging, I was asked 3 questions on data analysis. Before the last question, the interviewer said she was impressed with the clarity in which I answered the questions. The third question was an OOP, “difference btw class instance and object instance (can’t remember the exact question now)” and mehn, it came as a rude shock, but I used my ideas to dance around it. I think I was able to answer it. As a result,
* Started OOP today. Went back to my OOP lesson at Udacity that I left since 2020, when I was still trying to find my feet in this “data world”. That time, it was “excruciating”. Today, OOP was easier. I enjoyed it. One of the frustrating things that happened is my forgetting of “self” when defining functions. As a result, I got late to where I was supposed to and in the midst of rushing, minor injuries to the laptop (not my own) I was transporting, and my phone screen had multiple dents, but thank God it's still responding.

27/02/2024 (written 28/20/2024)

* Practiced accessing and loading databases with python.
* Did data entry and analysis of exam scores on excel for Daddy Olusanya.

28/02/2024

* Exercises on accessing and loading databases with python
* Tried installing terminal for spyder. But it’s not functioning properly
* Applied for a number of roles
* MTN was out for a significant part of the day. A lot of the things I planned to do required online connection.
* Reliability tests on SPSS

29/02/2024

* ETL project. Webscrapped countries GDP data from Wikipedia, converted them to billions, stored in csv file and database. Also logged the processes in a text file. Code was written in jupyter notebook, then converted to python script and executed via Terminal (Anaconda prompt). It was exhilarating. But I’m glad I went through it. Coursera’s time frame for the project said 1 hr. But it took my whole day.   
  Worthy of note, I came up with two semantics to extract the data.
* Also resolved merge conflict I encountered some days ago

01/03/2024

* Today was quite busy but I was able to practice OOP

02/03/2024

* Practiced OOP on Udacity
* Progress in Data Engineering ETL project

03/03/2024

* Did nothing today. Was in Church all through. Got home around 10pm

05/03/2024

* Great progress in data engineering project. Working on the extract function, figured it out.
* Had my external/final project defense today. Thank God.

06/03/2024

* Completed DE ETL project. I scraped data from Wikipedia using requests and beauftiful soup libraries. Then I did some transformation, then loaded to csv and database.