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.

07/03/2024

* Working on publishing the projects I’ve done. Challenge now is, I don’t know where to start from.

08/03/2024

* Setting up account on Turing, therefore took python, data analysis and machine learning tests. Didn’t pass the python test but was highly surprised to pass the data analysis and machine learning tests. Gotta admits, the assessments weren’t beans. For the python, it wasn’t tailored to towards data science and machine learning but more to hardware. I kept on seeing strange things like I/O multithreading, drone, widget and some jargon that almost off me. I will take the SQL assessment tomorrow or the day after, but first, I need to practice. Been a while I wrote queries, more reason to be glad, next course in the Data Engineering curriculum is SQL.
* \*One step at a time, we will get there\*

09/03/2024

* Practiced SQL queries