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

10/03/2024

* Same as yesterday, practiced SQL queries

11/03/24

* Learning about RDBMS

14/03/2024

* Didn’t write any codes today nor learn any thing data today. Busy throughout with typing exam questions for life academy

18/03/2024

* Internet has been down across the country for the past days. In the meantime, I have continued my learning of RDBMS: ERDs, DB Architecture, SQL queries etc.

19/03/2024

* Practiced OOP
* Progress in RDMS course

20/03/2024

* Having challenges with OOP exercise
* Progress in RDBMS

21/03/2024

* Registered to be GSoC contributor. Selected potential organizations to submit proposal to: they are:
  + Learning Equality
  + City of Boston
  + MDAnalysis
  + Open Chromosome Collective
  + Machine Learning for Science (ML4SCI)

Tomorrow I will decide on the 2 top organizations (and project) to submit proposal to and start working on the proposal

* Created tables, wrote queries, and interacted with IBM Db2. Completed week 2 of RDBMS course
* Yesterday, I completed the tutorial and conclude approach to Sentiment Analysis project. I will be using hugging face pipeline. Hopefully, I will start the project by Saturday.
* Rejection mails have been coming in steadily. I will compile the rejection mails I’ve gotten so far.
* Completed Atomic Habits yesterday. It is loaded. One of the highlights for me is 1% better every day.
* “If you are not willing to look like a foolish beginner, you will never become a graceful master.” Saw this on Ashinze Emmanuel’s WhatsApp status.
* I think I shouldn’t be fastidious on showcasing my work for now and concentrate more on working projects. Thinking about project and showcasing can be pressuring sometimes.   
  Also, should I slow down on job application? Time spent applying for jobs (which would likely lead to another breakfast) can be channelled to projects and courses

22/03/2024

* Took a python live coding challenge on Turing today. Failed!!! ☹.
* Had to work on transcribing an audio message. So didn’t do much on coding today.

23/03/2024

* Took another python live coding challenge on Turing today. Almost passed, (“but almost is nothing”), the code was working well on spyder (where I ran it initially), I entered it in the challenge editor, I ran but it didn’t go through, I was about to do the debugging, suddenly mtn network wasn’t going through. I tried restarting the mifi but time had elapsed. I tried getting to the challenge but I couldn’t get through. In the end, I deleted my Turing account. I will try opening another one with another email address.   
  The live coding challenge of yesterday and today was part of a job application.  
  I will have to start all over again.
* Made selection for GSoC proposals.

26/03/2024

* Working on GSoC proposals.

01/04/2024

* Started learning fast api. Deployed a simple ML model using fast api.

10/04/2024

Very early in the morning around 12 am

Omooooo it’s been a long time o.

Took ill some days ago.

Couldn’t do much.

What have I been able to do in the meantime?

* Flexisaf internship coding challenge
* Sentiment analysis project
* Applied for about 3 jobs
* Working on Resume
* Some others

Got depressed at a point over my result. Frustrated with numerous failures.

You gats forge ahead. Get over it.

Failure is necessary

From Atomic Habits

Always bear in mind daily “1%” increment

**1% BETTER EVERY DAY**

1% worse every day for one year.

1% better every day for one year.

It is desire, not intelligence, that prompts behavior. As Naval Ravikant says, “The trick to doing anything is first cultivating a desire for it.

**Reward is on the other side of sacrifice.**

The only way to become excellent is to be endlessly fascinated by doing the same thing over and over.

So Juwon what are the next things

* Sentiment Analysis
* Turing application
* Masters application
* DE course
* IT automation course
* Automation course, learnt about shutil and psutil library, one can check disk capacity from python and memory using these libraries. Then one can use it to automate some processes
* Commence RDBMS project.

15/04/2024

* On the verge of completing RDBMS course. The MySQL server didn’t start.
* Started application for Python Developer Role at Trilogy through Crossover. I applied via LinkedIn, but later I got a mail that I have complete the application by passing some assessments. This would be added to the list of goals/projects to work on.
* I was able to refurbish my Resume some days ago.

In progress

* + Sentiment Analysis
  + Turing application
  + Masters application
  + DE course
  + IT automation course

16/04/2024

* Python quiz on Turing, failed!!!
* Started Crossover application, failed!!!

17/04/2024

* Progress in Sentiment analysis project. Reaching the final stages.

19/04/2024

* Applied for data engineer intern at Kuda
* Learning OOP

20/04/2024

* Rejection mail from Kuda
* Done all the major things on sentiment analysis, next is to do the report, ask Oga Abayomi for review and publish

22/04/2024

* Began SQL for DB course as part of Data Engineering course. I learnt that the basic popular SQL keywords are: CREATE, INSERT, SELECT, UPDATE, DELETE
* Completed some python exercises. Getting familiar with os library
* Progress in OOP: inheritance, stack is also known as LIFO (last in, first out).

24/04/2024

* Didn’t open my laptop at all yesterday.
* Today, I took SQL, Machine Learning & Data Engineering quizzes on Turing. Passed them. I’ve taken them before, so the questions weren’t strange to me. I only had to revise some of the answers and check for the ones I wasn’t accustomed to before taking the test. I have about 80 days to retake the python test. I don’t know whether to wait and prepare for it or to move on (even the python questions didn’t reflect my stack. There were questions on multithreading, asyncio and the likes.
* By the quizzes I practiced writing python codes to answer questions centred on analysis of covid data. Major highlight for me was the amount of critical thinking that goes in before writing the code. Data analysis is first critical thinking before syntax writing.

25/04/2024

* Practiced SQL queries

26/04/2024

* Submitted RDBMS project today. The project involved designing and creating a database using ERD in PG admin, postgresgl, mysql, DB2 and Datasette. So I completed the course, which is 4th course in the IBM DE professional certification. Submission took this long because I had to reapply for the financial aid. I already commenced the next course in the series: Databases and SQL for Data Science with Python.