

ADETUNJI EMMANUEL OLUWAGBEMIGA

Data Scientist/Data Specialist: Python/SQL

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OBJECTIVE/SUMMARY

Data scientist with 3-year experience in python base project, and freelance jobs. Highly analytical with a strong apt for learning, teaching and collaborations. Ready to use my skill and work-ready expertise in programming, statistical analysis, research abilities, and machine learning algorithms. The goal is to communicate and collaborate with colleagues and experts in the field on ways to improve productivity using tools such as machine learning/AI and statistical analysis to solve real-world problems and make potential customers achieve more.

WORK EXPERIENCE

Data Science Intern // EXPLORE AI, Johannesburg, South Africa
Aug 2022 - Present

- Worked with a Data Science and Data Engineers to create an automated labeling of Articles into one of the SDGs to save time.
- Deployment of a first version with Article classification and few visual for data insight
- Specifically, we also develop an application that classifies Shell's texts to corresponding SDG

Lecturer(Physics) // FEDERAL POLYTECHNIC EDE, Osun state
2019 - To date

- Prepared and delivered lectures to undergraduate students on thermodynamics, optics & wave, and mechanics.
- Offered regular office hours and extended availability to assist and advise students as necessary.
- Developed course material, including syllabus, homework assignments, tests, and lesson plans according to curriculum.
- Provided regular written and verbal feedback to students to improve academic performance.

Python Developer Freelance // Freelance sites 2016 - 2017

- Conducted descriptive and multivariate statistical analysis of data using python libraries.
- Used the Python language to develop web scraping scripts for web-based data retrieval systems.
- Performed data entry and other clerical work for project completion.

Physics Electronic Intern // TRANSMISSION COMPANY OF NIGERIA, Osogbo, Osun state
2013 - 2014

- Collection and analysis of power distribution data
- Performed in-depth electrical acceptance testing of newly installed hardware
- Performed maintenance procedures and repairs on existing electrical systems.

PROJECTS

All projects and more are public [repository](#) on my GitHub page:

- **Web scraping data collection:** Using python and selenium library to scrape data/information from a forum site ([Nairaland](#)). Finally making it user friendly using StreamLit
- **Wheelchair Ramp Event Center Predictions:** Using popular libraries in python such as pandas, NumPy, matplotlib and seaborn to explore, gain insight and predicts if Wheelchair Ramp is present at an event Centers
- **Load shortfall regression predict with API:** Collaborative work with colleagues to gain insight into how weather/climate affect power production in Spain and how to use this weather parameters to predict "load shortfalls"
- **Classification predicts plus StreamLit:** Using Machine Learning model to classify whether or not a person believes in climate change, based on their novel tweet data. Providing an accurate and robust solution for companies to access consumer sentiment; thus, increasing their insights and informing future marketing strategies.

HARD SKILLS

- Machine Learning algorithm development
- Python Programming Language
- Data Visualization with Microsoft Power BI
- SQL and Data Warehousing
- Probability and Statistics with python libraries
- App deployment with Streamlit
- AWS Cloud Architecture framework

EDUCATION

MTech. Communication Physics

Federal University of Technology, Akure, Nigeria

29/09/2021 – 05/01/2018

- Research titled: Investigation of Multipath Propagation and Fade Statistics in the Coastal Area of Nigeria.

BTech. Physics with Electronics

Federal University of Technology, Akure, Nigeria

01/08/2009 – 05/12/2014

- Final Project: Design of a Professional Welding Machine

Professional Data Scientist

DataCamp

01/01/2022 - Present

- Building the right skills needed by modern-day data scientists
- Test-drive your skills as you go with interactive exercises and hands-on practice
- Getting ready for a coding challenge with real-world projects

Professional Data Scientist

Explore Data Science Academy

01/01/2022 - Present

- Understand common data terminology and learn how to define your problem.
- Build dashboards and visuals to tell stories with data.
- Learn the fundamentals of Python programming.
- Work with SQL to use databases for storing, reading and updating data.
- Prepare data for modeling, build regression, and classification prediction models with Python.
- Learn how to cluster unstructured data, build recommender systems and get hands-on with dimensionality reduction.

SOFT SKILLS

- Good communication
- Problem Solving
- Active Learning
- Team player
- Organization and leadership Skills
- Presentation skills

CERTIFICATIONS & LICENSES

Data Analysis with Python: Zero to Pandas

[JOVIAN](#)

08-06-2022

Professional Data Scientist

[DATACAMP](#)

29-06-2022 / 29-06-2024

AWS Certified Cloud Practitioner

[AWS T&C](#)

29-06-2022 / 29-06-2024

PUBLICATIONS

- Investigation of Multi-path Propagation and fade statistics in the coastal area of Nigeria. [Link to manuscript](#)
- Variation of Surface Radio Refractivity in Minna, North Central Nigeria [Link to manuscript](#)