

Oluwafemi Paul Adeyemi

Machine Learning Engineer

Ilorin, Nigeria

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PROFILE

A data enthusiast. Proficient in data cleaning, feature engineering, data visualization, statistical analysis, classification models, regression models and text-processing. Comfortable working with large datasets. Skilled at writing html and css markups and deploying models to websites.

EDUCATION

University of Ilorin, Kwara - *M.Sc. Statistics (Graduand)*

OCTOBER 2019 - FEBRUARY 2023

- Took courses such as Stochastic Processes, Statistical Quality Control, Categorical Data Analysis, Design and Analysis of Experiments e.t.c.
- Self-education in ML.
- Fulfilled every requirement - awaiting conferral.

University of Ilorin, Kwara - *B.Sc. Statistics*

NOVEMBER 2013 – SEPTEMBER 2017

- Took courses such as Introduction to Computer Programming, C/C++, Object Oriented Programming, Digital Literacy, Linear Algebra, Calculus, Statistical Programming, Stochastic Processes, Experimental Design and Analysis, Analysis of Variance, Applied Multivariate Statistics, Time Series, Statistical Inference, Probability, Sample Surveys e.t.c.
- Graduated with a CGPA of 4.70/5.0 (First Class).

SKILLS

Python

Numpy, Keras, Pandas, Scikit-learn, Nltk, Spacy, Matplotlib, Seaborn, Django, Django Rest Framework.

R

Caret, Dyplr, TidyR, Ggplot

JavaScript

ES6, Ajax, JSON

HTML

CSS

Database

PostgreSQL, ORM

Graphics Design

CorelDraw

Statistical Analysis

R, Python, SPSS, Stata

Microsoft Office

Excel, Access, Word, Powerpoint, Publisher

PORTFOLIO

Oluwafemi Adeyemi's Portfolio

WORK CHRONOLOGY

Ekiti State University, Ekiti - *Data Entry Clerk*

JANUARY - OCTOBER 2018

- Entered Students' information into school's database using a customized software called NYSC Mobilization Software which is used to categorize students according to their departments, gender and many more and to register and mobilize them for national service.

Larrygold Computers, Nasarawa - *Tutor, Typist and Graphics Designer*

JULY - SEPTEMBER 2013

- Made graphic designs such as identity cards and did typesetting.
- Taught computer literacy courses such as Ms Word, Excel and Corel Draw.

INTRESTS

Reading, Writing, Teaching, Public Speaking, Playing Piano, Singing

Technical Skills

- Made graphic designs such as identity cards, certificates and charts from data.
- Retrieved data from word pad and excel, coded data for analysis and interpreted results.
- Recommended method of analysis of data from an opinion poll and assisted in coding and entering of data.

Analytical Skills

- Assisted in the analysis of data from a research work aimed at determining the influence of teachers' characteristics on the teaching and learning of Agricultural Science.

Communication/Interpersonal Skills

- Coordinated an academic team of tutors, oversaw and advised university freshmen and students in other levels.
- Led a team of university students on a field survey.

VOLUNTEER EXPERIENCE

Data Science Nigeria (DSN) , Online *Voluntary Tutor*

OCTOBER 18, 2022

- Taught Students how to build a regression model with R, using the Student Performance dataset from UCI Machine Learning Repository. [See video online](#)

SOME PERSONAL PROJECTS

- Absenteeism: evaluated a set of machine learning classification models predicting whether an employee will be given to absenteeism.
- Nursery: evaluated a set of machine learning classification models for determining the admission status of students and built a web API that supplies the best of the models.
- Condition Based Maintenance of Naval Propulsion Plants: considered a set of predictive machine learning models for predicting the performance decay of any vessels and built a web API that supplies the best among the models.
- MIClinic: built a web app that allows for registration of doctors (authentication) who can in turn register as many patients as they want and the patients' record can then be used to predict (based on ML models) whether they have breast cancer or diabetes or both.
- Scores: developed a web app that predicts the performances of students in a mathematics test using a linear regression model developed using on a number of features.