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Profile

An aspiring AI professional with background in Electrical and Electronics Engineering, and a strong proficiency in Data Science, Machine Learning, and SQL. I am passionate about applying AI techniques to real-world problems, with hands-on experience in predictive modeling, data preprocessing, and model evaluation. I am currently seeking a master's degree in Artificial Intelligence to deepen expertise in advanced AI techniques and applications.

Experience

Operations & Logistics Manager / Small Business Owner

Prestige Blocks Industries Ltd. | [May 2022 – Ongoing]

- **Production & Fleet Management:** Supervised end-to-end production workflow for building material (hollow blocks), ensuring uninterrupted operations and managed a fleet of five delivery vehicles, including a personally owned delivery truck used for company logistics.
- **Inventory & Data Management:** Used Excel sheet to maintain real-time inventory records (12k+ blocks per month), tracking inbound/outbound materials.
- **Entrepreneurial Initiative:** Invested in and operated a private truck for company deliveries, which improves the company's delivery capacity and in turn generates additional personal income.
- Directed drivers and mechanics, resolving mechanical/logistical issues to sustain workflow.

Mathematics & Physics Teacher / CDS President

National Youth Service Corps (NYSC) | Akpakpa community School, Cross River | [February 2021 – March 2022]

- Taught secondary school mathematics and physics to 30+ students, incorporating practical demonstrations to improve understanding.
- Elected president of the Community Development Service (CDS), charity group, leading 20+ corps members to execute several CDS assignments and projects.

Electrical Engineer (Internship)

Bhojraj Industries Limited, Anthony Bus stop, Lagos, Nigeria. | [February 2019 – July 2019]

- Responsible for troubleshooting, repair, and maintenance of large three-phase induction motor.
- I was able to build a star-delta electrical motor control using contactors and a timer relay.
- Responsible for the maintenance of nylon-making machines.
- Working as a member of a team to proffer solutions and in solving faults and offering great customer services.
- Attending meetings, writing reports, and giving report reviews to my manager.

Relevant Skills

Programming: Python (Numpy, Pandas, Scikit-learn), SQL.

Data Science: Machine Learning, Data Visualization (Matplotlib, Seaborn), Statistical Analysis

Databases: SQL(MySQL/PostgreSQL).

TOOLS: Jupyter Notebook, Tableau, Git.

Soft Skill: Teamwork, interpersonal communication, Business Analytics, Leadership.

Projects

Movie Recommender System

- Developed a genre-based movie recommendation system using open-source MovieLens data.
- Implemented popularity, content-based, and collaborative filtering recommendation modules.
- Conducted exploratory data analysis to users and movies distribution.
- Created optional GUI using Python for interactive recommendations.

HR Analytics (SQL)

The project aims to use SQL script to create two separate analytical views for creating dashboards for reporting purposes, and give insights on the company's employees at different levels which can then be used for decision making when it comes to employee pay-rise and promotions.

- Used and explore a Slowly Changing Dimension (SCD) dataset.
- Used materialized view to create a re-usable data asset.
- Explore each tables of the employee schema to understand the table relationship (i.e. 1:1, 1:many, many:many relationship)
- Used table joins, aggregation functions, window functions, filters to create the two analytical views required by the HR team for their dashboards.

CUSTOMER SEGMENTATION (RFM Analysis)

A comprehensive customer analysis that applies K-means algorithms to customer data using three key features such as Frequency, Recency, and Monetary value (RFM) to group customers and understand their purchasing behavior based on these three key features. This helps the business conduct customer-centric marketing more effectively.

- Exploratory analysis: This analysis is done to get familiar with the data set and get to know which cleaning steps to take.
- Feature engineering and extraction: Created an extra data variable called profit. Created the required three key features by using aggregation functions
- Build model: Built a kMeans model which groups customers into segments based on the three key features provided
- Interpreting Clusters: Understanding and interpreting the distinct and intrinsic features of each cluster (group) by further analyzing each group.

Education

Bells University of Technology.....[2016-2020]

BEng. (Hons) Electrical and Electronics Engineering 2nd class upper

Core Courses: Thermodynamics, Electrical/Electronic Circuits, Signals and System, Electromagnetic Fields, Logic Design, Non-linear Control Systems, Renewable Systems, Digital Signal Processing, Digital Control Systems.

The Polytechnic, Ibadan.....[2012-2014]

National Diploma (ND) certificate, Electrical and Electronics Engineering with upper credit.

Sango Senior Secondary School.....[2009-2011]

O'Levels (WAEC): Mathematics, English, Physics, and additional six subjects with good grades.

Best Foundation Secondary School.....[2006-2008]

Junior Secondary school Education.

Great Glory Nursery and Primary School.....[2000-2006]

Primary School Education.

Certification

- Data Science and Machine Learning Internship Program | Edureka | 2024.
Covered: Supervised machine learning (Regression and classification), unsupervised machine learning (Principal Component Analysis (PCA), KMeans), Time Series Analysis, NLP, and recommendation system (content based and collaborative filtering recommendation method).
- Applied Data Science Lab | WorldQuant University | 2025
Covered: A/B testing, Market Forecasting, Customer Segmentation, Regression and Classification models
- Serious SQL | Data with Danny | 2024
Covered: Table Joins, Common Expression Tables (CTE's), Window functions, Subqueries, string transformations, query optimization technique.