

# Emmanuel A. OKEDELE

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## OVERVIEW

A data-driven individual with 3+ years analytics experience, 2 years writing Python, and a strong background in Data science. I possess rigorous research and experimentation skills which aid identification of opportunities. I prioritise clear communication and team collaboration in the execution of my daily responsibilities.

## EXPERIENCE

### **ASTRAZENECA** DATA ANALYST(SHORT TERM)

May 2023- Aug 2023

- Drove efficiencies by building data pipelines to create a single source of truth for several internal projects. and automating the internal reporting process from data collection to data reporting
- Identified key metrics, and created dashboards for key stakeholders to track metrics across internal projects such as PhD studentship tracker, Early careers programme *Tools: PowerBI, Python, PowerApps, Excel, SQL*

### **BUSINESS ANALYSIS OF LOGI SERVICES** FREELANCE

- Deeply Explored Logi Services sales by province, product category, customer segment, and Order month from csv documents.
- Designed a dashboard that clearly presented key metrics in a visually appealing way in order to aid stakeholder decisions
- Identified points of improvement that led to 15% increase in revenue generated *Tools : Power BI, Excel, SQL*

### **IMAGEOG VENTURES** DATA ANALYST

Aug 2020- Aug 2021

- Interpreted and performed data analytics using statistical techniques to provide monthly reports that define the current state of the company.
- Translated business problems to identify and define new improvement opportunities which resulted in 40% increase in year-on-year revenue.  
*Tools : Excel*

### **KPMG, AUSTRALIA** MOOC

Mar 2020 - Aug 2020

- Conducted Data Quality assessment and Data Analysis by developing a dashboard from raw Excel data to gain customer insights for a supermarket which included Data Exploration, Modelling, Results interpretation, and presentation.
- Analysed and Created a dashboard that examined the customer database using RFM analysis for financial data.
- Developed an interactive dashboard in Excel to highlight key results that aid Decision Making.

### **COCA-COLA HELLENIC** SAFETY ANALYST

Oct 2018 - Oct 2019

- Prepared Analytical Reports using data on active and reactive safety indicators to support policy and standard operating procedure reviews while promoting data literacy within the organisation .
- Conducted Site risk assessment implementing corrective actions and preventive measures that resulted in 98% accident-free workday in 2019. *Tools : Excel*

## EDUCATION

### **DATA CENTRIC DEEP LEARNING**

CoRISE| NOVEMBER, 2022

### **MSC DATA SCIENCE**

UNIVERSITY OF SUSSEX |OCTOBER, 2021 - JANUARY, 2023 | BRIGHTON

### **ADVANCED SQL**

KAGGLE| FEBRUARY 2022

- Joins • Analytic functions •Nested and Repeated Data *Tools: SQL, bigQuery*

### **SKILLS**

- Data Visualisation and reporting with Power BI, Seaborn
- Data Analysis and manipulation with Python and pandas
- ETL/Pipeline orchestration and data modelling of relational and non-relational data
- Clear communication and presentation skills
- Experience optimising queries for SQL and NoSQL databases
- Critical thinker with ability to multitask across projects

### **CERTIFIED ASSOCIATE OF PROJECT MANAGEMENT**

PMI | FEBRUARY 2020

- Stakeholder engagement, • Agile Project management • Scheduling techniques

### **BSC CHEMICAL ENGINEERING**

OBAFEMI AWOLOWO UNIVERSITY [2:1] March 2018 | Ile-ife, Nigeria

## LINKS

- Github:[ok3ks](#)
- LinkedIn **Emmanuel A. Okedele**

## REFERENCE

Dr. Vera Hazelwood,  
Director Skills and Partnerships,  
Astrazeneca

## OTHER PROJECTS

### **ANALYSIS AND PREDICTIVE MODELLING** | MACHINE LEARNING AND BIAS | CLASSIFICATION | [LINK](#)

- Algorithmically predicted an employee's income bracket
- Evaluated both the model's performance and bias with k-fold cross-validation and fairness methods such as reweighing, fairness through awareness.

### MOVIE DATA ANALYSIS | [LINK](#)

- Explored and investigated trends and patterns in Movie metadata and viewing metrics comprehensively to deliver ideas and insights that assist in planning the production of the next movie in order to generate improved sales.
- Performed Statistical tests to validate hypotheses, and make recommendations that informed the strategy for the selection of directors, actors, and genres for the next movie.

### ACTIVITY PREDICTION | PREDICTIVE MODELLING | [LINK](#)

- Created a machine learning model used to predict activity a subject is performing based on sensor measurements.
- Iteratively improved accuracy of machine learning model by greater than 20%.

*Tools: Git, Decision Tree - XGBoost, Seaborn, Hypothesis Testing, Model Evaluation, Cross-Validation, Machine Learning, Python, Pandas, Data Transformation, Statistical Analysis, Statistical tests, SQL, Python*