

ZIPPORAH EBEDE

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SKILL PROFILE

- **Computational programming:** Possesses strong SQL skills for efficient data manipulation and processing. Proficient in using Python libraries such as Pandas for data analysis and NumPy for numerical analysis.
- **Communication and Data presentation:** Can translate findings from highly complex data sets into simple terms for non-technical audiences. Skilled in using Tableau for data visualisation and presenting complicated ideas and analyses to non-experts' stakeholders.
- **Mathematical and Statistical methods:** Skilled in using mathematical and statistical techniques such as descriptive statistics to understand the shape and relationships in data, estimation statistics to quantify the performance of model predictions and inferential statistical tests to quantify the relationships between different predictive algorithms.
- **Teamwork and Continuous Learning:** Enjoys working as a team member in achieving project goals and investing time and effort in learning and acquiring new skills.
- **Data Analytics Tools:** SQL, Excel, Python, Tableau, R and GitHub.

PROFESSIONAL EXPERIENCE

**Sheffield Hallam
University**
*Data Analyst
Intern*
09/2022 - Present

- Collaborated with a cross-functional team to analyse survey data from 500 participants, leading to the identification of actionable recommendations for improving student satisfaction by 20%.
- Presented findings and insights from data analysis to university administrators, resulting in the implementation of data-driven strategies for improving student retention by 10%.
- Assisted in implementing a data management system, resulting in a 30% reduction in data retrieval time and improved overall efficiency.
- Successfully cleaned and organised a dataset of 10,000 records, resulting in improved data quality and integrity.

**Fidelity Design and
Engineering Limited**
Operation Specialist
09/2019 - 12/2021

- Implemented operational workflows for macro language processes, creating 10+ infographics and webinars called "*Fidelinar*".
- Researched customers' needs to implement strategies that improve customer experience and increasing customer operations satisfaction rating by 11%.
- Created and improved operations processes for customer inquiries, solving 50+ customers inquiries weekly using Zendesk.

**Knowledge Island
Group of Schools**
Mathematics Tutor
09/2016 - 08/2019

- Facilitated after-school tutoring sessions for students in need, leading to a 60% increase in the number of students who completed assignments on time and achieved academic excellence.
- Conducted and executed comprehensive evaluation methodologies, including homework assignments, assessments, and examinations, leading to a noteworthy 25% enhancement in the academic performance of students.
- Integrated technology tools, such as interactive whiteboards and educational software, into lessons, resulting in a 30% increase in student engagement and participation.
- Led a math club that participated in regional math competitions, with students achieving top-three rankings in 80% of the competitions attended.

EDUCATIONAL PROFILE

- **MSc in Big Data Analytics, (Distinction-In View)** Sheffield *Hallam University, United Kingdom*,
- **Bachelors in computer engineering (Second-class upper)**, *University of Benin*

Personal Projects

- Utilized advanced statistical techniques and data visualization tools to thoroughly examine an extensive HR dataset comprising over 20 attributes. Identified and assessed critical factors influencing employee retention and attrition. Employed strategic analysis to develop and implement tailored retention strategies, resulting in a notable 15% reduction in turnover rate. <https://github.com/Zeeporah/Employee-Retention-Analysis>
- Analyzed a movie dataset from IMDb and discovered a significant positive relationship (correlation coefficient of 0.75) between the budget and gross revenue from 1990 to 2021 <https://github.com/Zeeporah/Movie-Correlation-Analysis>
- Performed an in-depth cleaning and transformation of the Nashville housing dataset with over 10,000 housing records using SQL, leading to a data completeness rate of 99% and enhanced data quality. <https://github.com/Zeeporah/Cleaning-of-Nashville-Housing-Dataset>
- Designed a model that recommends schools to international students based on 20+ data points.

Certifications

- Analytics With Spreadsheets -<https://confirm.udacity.com/KNHHAGDC>
- Descriptive Statistics -<https://confirm.udacity.com/JAG9UZ4M>
- SQL Fundamentals - <https://confirm.udacity.com/ZGQF3PAP>
- Business Analytics - <https://confirm.udacity.com/5WCZGUGG>