

# JUDITH OKON, PMP

## DATA ANALYST

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### SUMMARY

Data Analyst with 3 years of experience in analyzing large datasets using SQL, Python, and Excel. Skilled in developing interactive data visualizations using Power BI and Tableau, as well as conducting predictive modeling with Python. Proficient in project management and adept at collaborating with stakeholders to devise data-driven solutions. I am looking for Data Analyst roles to utilize my skills in transforming complex data into valuable insights, providing actionable recommendations, and creating impactful visualizations that drive business decisions

### SKILLS & AREAS OF EXPERTISE

Python | SQL | MS SQL Server | Data Visualization | Tableau | Microsoft Power BI | Power Query | Data Analysis | Statistical Analysis | Predictive Modeling | Machine Learning (Linear Regression, Random Forest, Support Vector Machines) | Microsoft Office Suite | Version Control (Github) | Coding | Problem-Solving | Analytical skills | Project Management | Communication | Data Models | Process Improvement | Microsoft Office Suite | Strong attention to detail | ability to work with precision | Problem-Solving | Analytical skills | Ability to work with complex dataset | Project Management | Communication skills | Storytelling

### PROFESSIONAL EXPERIENCE

#### DATA ANALYST

August 2020 – present

##### [Pipeline Repairs Limited](#)

- Collected, Analyzed, and Interpreted large datasets using SQL to identify patterns, trends, and insights that drove business decisions, leading to a 15% increase in revenue.
- Developed Power BI dashboard visualizations and reports to effectively communicate actionable insights to stakeholders and provided recommendations which resulted in a notable 20% increase in revenue through refined business strategies.
- Identified cost-saving opportunities by conducting quantitative research on expense data, resulting in a 10% reduction in project operational costs.
- Developed and maintained data models and databases leading to efficient data analysis and reporting
- Managed a team of 3 data analysts, providing guidance and mentoring to ensure the timely delivery of high-quality ad-hoc analytics that positively impacted the company.

#### BUSINESS DEVELOPMENT ANALYST

October 2018 – February 2019

##### [ExxonMobil](#)

- Effectively collaborated with cross-functional teams to understand business requirements and developed a solution to fix communication gaps within these departments leading to a 25% increase in productivity.
- Analyzed customer data using Python to identify and target new market segments within existing customer accounts, resulting in a 20% increase in sales and a 10% increase in customer acquisition.
- Created interactive dashboards using Power BI to provide real-time insights on customer acquisition and retention, resulting in a 25% improvement in customer engagement.
- Improved customer retention by 15% through A/B testing of various pricing strategies, resulting in a 5% increase in profit margin

#### PROJECT ENGINEER

April 2017- Sept 2018

##### [Lambert Electromec Limited](#)

- Collaborated with a team of 100+ contractors to complete building construction projects within the \$5M budget and the deadline.
- Oversaw the timely completion of the installation of mechanical systems within a building construction project resulting in a 20% increase in customer satisfaction and a 10% increase in project efficiency.
- Led cross-functional teams in defining project scope, schedule, budget, and deliverables, resulting in a 5% increase in project success rate

## RELEVANT VOLUNTEER EXPERIENCE

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### DATA ANALYST

July 2019 – August 2020

Vedic Lifecare Hospital

- Analyzed data related to the spread of COVID-19 cases in the community, resulting in a 25% increase in the identification of high-risk areas and a 15% increase in the effective allocation of healthcare resources
- Developed and implemented automated data processing scripts that reduced manual processing time by 50%, freeing up valuable time and resources for other critical tasks.

## PROJECTS

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### E-commerce Customer Churn Analysis

Utilized SQL and Power BI to thoroughly analyze and visualize customer churn data in the E-commerce industry. By examining churn patterns, customer behaviors, and influential factors, I gained valuable insights into what drives customers to leave. Based on these findings, I provided actionable recommendations to improve customer retention, optimize business strategies, and drive growth. My proficiency in SQL querying, data analysis, and translating insights into practical business actions using Power BI was demonstrated throughout the project.

### E-commerce Sales Data Analysis

Utilized Power BI and Python to reveal insights from Olist's sales data, including total revenue, highest-performing product category, and overall product sales. Provided actionable recommendations to optimize revenue, profit, and streamline operational efficiency. Furthermore, a strategic cost-saving approach was devised to mitigate the issue of canceled orders, resulting in substantial savings of over R\$250,000 for the company. Demonstrated expertise in data analysis, visualization, and driving business growth.

### COVID-19 Data Analysis in Nigeria

Leveraged Tableau and Python, to create an interactive dashboard and perform exploratory analysis on COVID-19 in Nigeria from Feb 2020 to Feb 2022. Revealed Lagos state as the most affected area and provided insights into trends, patterns, and regional impacts of the pandemic. This project shed light on the states in Nigeria most severely impacted by the pandemic, enabling the efficient allocation of resources to those states in need. Demonstrated data visualization, analysis, and statistical skills

### Data Cleaning of FIFA 21 Dataset

Using Python programming, I meticulously reviewed and corrected missing values, errors, and inconsistencies within the FIFA 21 dataset. The result is a high-quality dataset that is ready for analysis.

## EDUCATION

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### Bachelor of Science (B.Sc.) Mechanical Engineering, Honors (3.31/4.00)

- Eastern Mediterranean University, Famagusta, North Cyprus (Feb 2012 – Feb 2016)

## CERTIFICATIONS

- **EDX Verified certificate for Databases: Relational Databases and SQL** (June 2023)
- **Tools for Data Science by IBM** from Coursera (March 2023)
- **What is Data Science by IBM** from Coursera (February 2022)
- **Project Management Professional (PMP), PMP Number: 2631910** from Project Management Institute (July 2019)