EBENEZER DENKYI

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Experienced Data Analyst with expertise in data transformation, predictive modeling, and reporting automation, leveraging SQL, Excel, Power BI, and Tableau to drive actionable business insights. Proven track record in optimizing reporting processes, reducing manual effort, and enhancing operational efficiency across sectors, including healthcare and business analytics. Skilled in root cause analysis, data integrity management, and advanced statistical analysis, contributing to improved forecasting accuracy, cost reduction, and strategic decision-making. Adept at collaborating with cross-functional teams to design data-driven solutions that lead to enhanced productivity, cost savings, and resource optimization.

TECHNICAL SKILLS

- **Programming & Query Languages: SQL, Excel**
- **Data Visualization & BI Tools: Power BI, Tableau, Excel**
- **Database Management: Microsoft SQL Server, MySQL, PostgreSQL**
- **Cloud & Collaboration Tools: Microsoft Windows Server, Google Suite, Microsoft Office Suite, Slack, Zoom, Team Viewer**

CORE COMPETENCIES

Data Analysis	Dashboard Creation	Data Governance
Data Visualisation	A/B Testing & Experimentation	Data Queries & Interpretation
Data Modelling	Statistical Computing Method	Performance Metrics
Business Intelligence	Time Series Analysis	Storytelling
Predictive Modeling	ETL (Extract, Transform, Load)	Problem-Solving & Critical Thinking

PROFESSIONAL EXPERIENCE

Data Analyst

Amdari Inc. - UK   **March 2025 - Present**

- Developed and maintained interactive dashboards in Tableau and Power BI, enabling stakeholders to track key business metrics in real time, reducing manual reporting efforts by 40% and enhancing data-driven decision-making.
- Conducted root cause analysis on data discrepancies using SQL and Excel, identifying and resolving 25% of inconsistencies, thereby improving data integrity and ensuring accuracy in business intelligence reports.
- Optimized SQL query performance, reducing data retrieval time by 30%, which significantly enhanced operational efficiency and accelerated analytics workflows.
- Automated reporting processes by designing Power BI workflows, reducing manual data extraction time by 50% and ensuring consistency across weekly and monthly reports.
- Implemented advanced data-cleaning techniques using SQL and Excel, eliminating redundant data entries and enhancing the quality of datasets for analytics and forecasting.
- Developed predictive models using historical business trends, improving demand forecasting accuracy by 15%, enabling more precise resource allocation and inventory planning.
- Presented analytical findings to cross-functional teams and senior management, translating complex datasets into actionable business strategies that informed critical decision-making.

Data Analyst (Remote)

Rapid Improvement Care Agency, United Kingdom   **March 2024 – December 2024**

- Leveraged advanced statistical techniques, including regression analysis and hypothesis testing, in Excel and SQL to identify correlations and patterns, driving a 15% improvement in forecasting accuracy for key health metrics.
- Utilized Excel and Power BI to analyze large datasets, identifying key trends and outliers that led to a 20% reduction in operational inefficiencies, streamlining workflow and improving resource allocation.
- Collaborated with marketing teams to analyze campaign performance using Excel and Tableau, enabling data-driven optimizations that resulted in a 25% improvement in ROI and enhanced targeting strategies.
- Spearheaded data validation processes to ensure the integrity and consistency of health data, reducing reporting errors by 20% and improving decision-making.
- Conducted detailed cost analyses using SQL and Excel, identifying opportunities to optimize budgets and reduce expenses, resulting in a 10% reduction in departmental spending.

HR Data Analyst

Ministry of Health, Ghana Health Service   **October 2019 – December 2022**

- Championed the extraction, transformation, and analysis of complex health data sets, leading to a 25% increase in actionable insights, directly influencing strategic decision-making across the ministry.
- Partnered with cross-functional teams to translate data insights into actionable strategies, which contributed to a 10% increase in departmental productivity, fostering a data-driven culture.
- Streamlined health data reporting processes, resulting in a 20% reduction in errors and an improvement in report accuracy and timeliness.
- Presented data-driven recommendations to senior management, which led to the implementation of cost-saving measures that resulted in a 12% reduction in travel expenses across health departments.
- Applied advanced statistical techniques such as regression analysis and hypothesis testing to uncover critical correlations and patterns in the data, improving forecasting accuracy by 15%.

EDUCATION

Professional Certificate in Data Analytics - 10alytics Canada 2025

Masters in Business Administration (MBA) -Research-Base - Cyprus International University, Cyprus 2024

Bachelors of Business Administration Base (BBA) -Research-Base - University of Professional Studies Accra, Ghana 2019