

Skills

- SQL (SQL Server, MySQL)
- Excel
- Microsoft Power BI

Projects

WALMART SALES DATA ANALYSIS

This project aims to explore the Walmart Sales data to understand top-performing branches and products, sales trends of different products, and customer behavior. The aim is to study how sales strategies can be improved and optimized. The dataset was obtained from the Kaggle

Link: <https://github.com/Awortwe/Wilmart-Sales-data>

FINANCIAL REPORT ANALYSIS

Financial report analysis in Power BI involves utilizing the powerful features of Power BI to gain actionable insights into the financial performance of a business. Power BI helped to import, transform, model, and visualize financial data in a way that facilitates effective decision-making.

Link: <https://github.com/Awortwe/my-data-analysis-projects/tree/main/Financial%20Report>

ECOMMERCE SALES ANALYSIS

Ecommerce sales analysis involved the use of PowerBI to import, transform, analyze and visualize ecommerce sales data. Some of the insights in the analysis were Total Sales by Month, Best Selling Products, Worst Selling Products and many more.

Link: <https://github.com/Awortwe/ecommerce-sales-analysis>

SUPERSTORE ANALYSIS

Superstore analysis in Power BI involves leveraging the capabilities of Power BI to gain insights into the performance of a retail superstore. Key components of the analysis were data transformation and cleaning, sales and revenue analysis, and profitability analysis.

Link: <https://github.com/Awortwe/my-data-analysis-projects/blob/main/Visualizations/Super%20Store%20Report.pbix>

AWESOME CHOCOLATE ANALYSIS

Analyzing the awesome chocolate dataset using SQL involved leveraging the structured query language to extract meaningful insights from the data.

Link: <https://github.com/Awortwe/my-data-analysis-projects/tree/main/Awesome%20Chocolate>

Work Experience

KPMG AU DATA ANALYTICS JOB SIMULATION ON FORAGE SEPTEMBER 2023

- Completed a simulation focused on advising a client on customer targeting with the Data, Analytics & Modelling team
- Assessed data quality and completeness in preparation for analysis

- Analyzed data to target high-value customers based on demographics and attributes
- Developed dashboards to communicate findings with visuals

TATA DATA VISUALISATION: EMPOWERING BUSINESS WITH EFFECTIVE INSIGHTS JOB SIMULATION ON FORAGE **OCTOBER 2023**

- Completed a simulation involving creating data visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making

QUANTIUM DATA ANALYTICS JOB SIMULATION ON FORAGE **OCTOBER 2023**

- Completed a job simulation focused on Data Analytics and Commercial Insights for the data science team.
- Developed expertise in data preparation and customer analytics, utilizing transaction datasets to extract valuable insights and deliver data-driven commercial recommendations.
- Extended analytical capabilities to identify benchmark stores for conducting uplift testing on trial store layouts, enabling evidence-based decision-making.
- Leveraged acquired data analytics and insights from previous tasks to create comprehensive reports for the Category Manager, facilitating informed strategic decisions and enhancing commercial applications.

PWC SWITZERLAND POWER BI JOB SIMULATION ON FORAGE **SEPTEMBER 2023**

- Completed a job simulation where I strengthened my PowerBI skills to better understand clients and their data visualization needs.
- Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
- Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
- Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.

ACCENTURE NORTH AMERICA DATA ANALYTICS AND VISUALIZATION JOB SIMULATION ON FORAGE **SEPTEMBER 2023**

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE – University of Energy and Natural Resources – Sunyani, Ghana. **January 2021 - Current**

PROFESSIONAL DIPLOMA IN SOFTWARE ENGINEERING – Intercom Programming and Manufacturing Co. Ltd.– Takoradi, Ghana. **January 2021**

SKILLS FOR INCLUSION COHORT 1

Majors: PowerBI, MySQL, Excel. **February, 2024**