

JOSPHEAT LENKAI

Education

BACHELOR'S DEGREE IN BUSINESS AND INFORMATION TECHNOLOGY – St. Paul’s University Limuru

2020 - 2024

Skills

SQL

Software: MSSQL, MySQL

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Power Bi

Tools: DAX, API, Power Query

Tableau

Python

Libraries: pandas, matplotlib, BeautifulSoup2.

R Programming

Projects

COVID-19 DATA EXPLORATION ANALYSIS USING SQL – Personal Project

January 2024

- Performed **exploratory data analysis (EDA)** on COVID-19 data using SQL, integrating Covid_Deaths and Covid_Vaccinations tables through joins.
- Executed data queries to analyze non-null continent data, focusing on key metrics and ordering results for clarity.
- Calculated death and infection rates for Africa, and identified countries with the highest rates per population.
- Analyzed vaccination progress globally by **joining** Covid_Deaths and Covid_Vaccinations tables to determine the percentage of the population receiving at least one vaccine dose.
- Demonstrated expertise in **SQL**, including **data aggregation**, **filtering**, and **result ordering**, to provide insights into COVID-19 trends.

POWER BI DASHBOARD FOR DATA PROFESSIONALS SURVEY– Personal Project

February 2024

- Developed a **Power BI** dashboard for analyzing data from a survey on data professionals, ensuring data reliability through **Power Query** transformations.
- Provided insights into salary distribution, entry challenges, global salary comparisons, and work/life balance in the data professional landscape.
- Created **visualizations** for average salary by job title, perceived difficulty entering the field, global salary per country, and work/life balance.
- Contributed to a user-friendly platform for professionals and organizations seeking valuable industry insights.

PIZZA SALES DATA ANALYSIS USING SQL AND EXCEL – Personal Project

December 2023

- Analyzed pizza sales data using **SQL queries**, extracting insights on total revenue, average order value, total pizzas sold, and more.
- Derived key metrics such as total orders, average pizzas per order, daily and hourly trends, and sales distribution by pizza category and size.
- Identified top and bottom 5 best-selling pizzas based on total pizzas sold.
- Enhanced data exploration with Excel for data cleaning and visualization, providing a user-friendly interface for trend interpretation.
- Improved decision-making processes by presenting crucial insights into revenue, order trends, and product performance.
- Demonstrated proficiency in **SQL** and **Excel** for **data analysis** and **visualization**, contributing to a comprehensive understanding of pizza sales.
- Established a solid foundation for future analyses and sales strategy improvements through derived insights and interactive dataset exploration.

Work Experience

ACCENTURE NORTH AMERICA DATA ANALYTICS AND VISUALIZATION JOB SIMULATION ON FORAGE

April 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- **Cleaned, modeled, 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