

JOSPHEAT LENKAI

Skills

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Power BI

Projects

COVID-19 DATA EXPLORATION ANALYSIS USING SQL – Personal Project

January 2024

- Executed exploratory data analysis (EDA) on COVID-19 data using SQL queries, incorporating **joins** between the CovidDeaths and CovidVaccinations tables to integrate relevant vaccination data.
- Conducted initial data exploration by viewing all columns in the CovidDeaths and CovidVaccinations tables, ordering results based on specific columns.
- Utilized SQL queries to analyze data with non-null continents, focusing on key columns and ordering results for a comprehensive overview.
- Developed analysis queries to calculate death rate percentages for Africa, infection rate percentages for Africa, and identified countries with the highest infection and death rates per population.
- Implemented **joins** between the CovidDeaths and CovidVaccinations tables to explore the percentage of the population that received at least one COVID vaccine, tracking vaccination progress globally.
- Showcased proficiency in SQL, including skills in **data aggregation, filtering, and result ordering**, contributing to a detailed understanding of COVID-19 metrics and 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.

Education

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

2024