

# JOSPHEAT LENKAI

## Education

BACHELOR'S DEGREE IN BUSINESS AND INFORMATION TECHNOLOGY – St. Paul’s University Limuru 2020 - 2024

## Skills

**SQL**

Software: MSSQL, MySQL

**Power Bi**

Tools: DAX, API, Power Query

**Python**

Libraries: pandas, matplotlib, BeautifulSoup2.

**Excel**

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

**Tableau**

**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

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### 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