

FAITH SERONEY

Skills

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, SciPy, matplotlib)
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Data Visualization
- Database Development
- Microsoft Power BI

Projects

SPORTS CLUB MANAGEMENT SYSTEM DATABASE – Personal Project

July 2023

- Designed a comprehensive Sports Club Management System using **SQL Server**
- Created a full database **schema** with tables for members, rooms, and bookings
- Utilized **SQL** scripts for creating tables, views, stored procedures, and triggers that facilitated member registrations, room bookings, and payment management

SALES FORECASTING DASHBOARD - Personal Project

August 2023

- Transformed and processed data by using **DAX** to ensure data completeness and validity
- Used **time series analysis** to provide valuable insights and accurate sales forecasting
- Gave insights and actionable information to drive business success

PIZZA SALES ANALYSIS USING SQL – Personal Project

June 2023

- Utilized **SQL** Server to derive essential KPIs in pizza sales
- Analyzed trends in pizza orders on both daily and hourly scales, demonstrating expertise in data interpretation and trend identification
- Segmented data by pizza category and size, calculating the percentage of sales, and providing insights to drive marketing and inventory strategies

MOVIES CORRELATION PROJECT – Personal Project

April 2023

- Leveraged **Pandas** to efficiently load, clean, and manipulate the dataset
- Created insightful visualizations using **Matplotlib** to display correlation matrices, histograms, and scatter plots
- Calculated correlation coefficients using Pandas for statistical analysis and derived insights from data relationships

Work Experience

MANUFACTURING ENGINEER – Ngata Creameries and Feeds

September 2021 – August 2023

- Led the feeds manufacturing team in the manufacturing of animal feeds
- Used Excel to perform Overall Equipment Effectiveness (OEE) analysis to optimize production processes
- Applied statistical process control methods to identify process improvement opportunities
- Ensures accurate data capture and documentation of manufacturing processes facilitating data consistency for meaningful analysis

PRODUCTION ASSISTANT – Vinepack Limited

March 2019 – September 2020

- Applied lean principles and data analysis to identify waste, reduce inefficiencies, and streamline production processes
- Developed intuitive data visualizations to track manufacturing performance metrics
- Used machine downtime data to decide when to carry out preventive and autonomous maintenance

Education

BACHELORS IN MANUFACTURING ENGINEERING AND TECHNOLOGY – Egerton University– Nakuru, Kenya – December 2018