

ONYANGO GEORGE .S.OCHIENG

Education

BACHELOR OF SCIENCE MATHEMATICS AND COMPUTER SCIENCE – Murang'a University of Technology – Murang'a, Kenya.

September 2023

Majors: Statistical/Data Analysis, Business Analytics.

Skills

Python

Libraries: pandas, matplotlib, numpy

SQL

Software: SSMS, MySQL

Excel

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

Power Bi

Tools: DAX, API, Power Query

Projects

DATA SCIENCE JOB MARKET EDA – Personal Project – Nairobi

- Utilized **Python** to analyze data science job listings and gain insights on what it takes to land a job in analytics
- Implemented **Regex** techniques to comb through the job descriptions and identified the key requirements
- Aggregated and visualized the data by using **pandas, matplotlib** and **numpy** to compile a professional report

PIZZA SALES ANALYSIS – Personal Project – Nairobi

- This project aims to analyze various aspects of pizza sales using SQL queries.
- Utilized **SQL** to extract data from different related tables from customer sales databases using **JOIN** and **VIEW**
- Utilized advanced **SQL** functions such as window functions to do complex operations.
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- The analysis includes retrieving the total number of orders, calculating total revenue, identifying the highest-priced pizza, and more.
- The goal is to gain insights into sales performance and customer preferences.

FINANCE DASHBOARD – Personal Project – Nairobi

- Created a dashboard with **Power Bi** to help business management analyze their financial records considering their income, savings and expenditure across time.
- Transformed and processed business data by using DAX and Excel to ensure data completeness and validity
- Provided technical insights on how the business can fully manage their finances and help determine if the business is operating on a profit or loss.
- Conducted research to determine the best metrics to be displayed on final product

BLINKIT SALES DASHBORD – Personal Project – Nairobi

- Utilized **Power Bi** and developed a dashboard to analyze sales of Blinkit, an Indian ecommerce organization to determine general business performance.
- Using power query and excel, I performed data cleaning and text analysis where I formatted the data where there were errors, removed duplicates and did away with columns I didn't need for my analysis.

Work Experience

JUNIOR DATA ANALYST – Healthier Kenya (In cooperation with Bliss Hospital) – Murang'a

- Collecting and managing healthcare data from various sources such as electronic health records (EHRs), patient surveys, and administrative databases.
- Ensuring data quality and integrity by performing data cleaning and validation.
- Using Excel and SQL to analyze healthcare data.
- Applying statistical methods to identify trends, patterns, and insights that can improve patient care and operational efficiency.
- Preparing detailed reports and presentations to communicate findings to healthcare staff.

THE JUDICIARY – Siaya Law Courts – Siaya

- Data entry
- Networking
- Records and Inventory update.
- Setting up and controlling Virtual Court Sessions
- Testing and Maintenance of Computers.
- Registering cases in the CTS

REFEREES

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