

JOHN BOSIRE SATO

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SUMMARY

Aspiring Data Analyst with hands on experience in python- based data analysis, SQL querying and interactive dashboard development using Dash and Plotly. Skilled in data cleaning, exploratory data analysis, KPI design, and anomaly identification to transform raw structured datasets into actionable insights through dashboards and visualizations.

- My portfolio : <https://theboss7660.github.io/>
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EDUCATION

Bachelor of Science Software Engineering:

Murang'a University of Technology, Kenya

2023 – Present

TECHNICAL SKILLS

Programming: Python, SQL

Data Analysis & Visualization: Pandas | Numpy | Matplotlib | Seaborn | Dash

Tools & Platforms: Jupyter Notebook | VS Code | Git & Github | Excel (Data Cleaning , Pivot Tables in Progress)

Concepts: Data Cleaning | Exploratory Data Analysis | KPI Design & Monitoring | Dashboard Design | Data Visualization | Descriptive & Diagnostic Analytics

DATA ANALYTICS PROJECTS

Automobile Sales Analytics: *Python / Pandas / Dash / Plotly / Seaborn / Matplotlib*

- Analyzed structured sales datasets to identify trends, anomalies and performance gaps across vehicle types and regions. Build interactive Dashboards using Dash and Plotly to visualize sales performance and Key business KPIs to support data driven insights and performance monitoring.
- Github:** <https://github.com/TheBoss7660/automobile-sales-analysis.git>

Retail Sales Analysis: *Python / Pandas / Database Management / Data Wrangling*

- Cleaned, preprocessed, and organized retail sales data for actionable insights. Implemented database integration to efficiently manage and query sales data.
- Github:** <https://github.com/TheBoss7660/Retail-Sales-Analysis.git>

Wildfire Analysis Dashboard: *Python / Pandas / Dash / Plotly / Seaborn / Matplotlib*

- Analyzed historical wildfire incidents across Australia to identify temporal and regional trends. Built an interactive dashboard allowing users to filter by region and year providing monthly visualizations of average estimated fire area and presumed vegetation fire counts.
 - Github:** <https://github.com/TheBoss7660/Wild-fire-analysis.git>
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CERTIFICATIONS

- Currently strengthening practical skills in Excel analytics and Business Intelligence tools for structured reporting and data interrogation

IBM Data Science Professional Certificate: In Progress

- What is Data Science: <https://coursera.org/share/14f90226ab591a0514f3af31c645d48c>
- Data Visualization with Python : <https://coursera.org/share/e044c4b4ea45fba0e6444acdaa23ca64>
- Data Science Methodology : <https://coursera.org/share/25ca2eb5c2f1176990b46900f947f83e>
- Databases and SQL: <https://coursera.org/share/a37ac8b96abe64cbcad71601bd8bddad>