

DAVID ODHIAMBO OWINO

DATA ANALYST

Email: dave.owino@yahoo.com | LinkedIn: [linkedin.com/in/profile-davidowino](https://www.linkedin.com/in/profile-davidowino) | Portfolio: davedavie100.github.io/portfolio

PROFESSIONAL SUMMARY

Data analyst proficient in SQL, Python, and Power BI, with a strong foundation in statistics and a successful career in academic performance analytics. Streamlined operations to reduce retrieval time by 90% and improved reporting efficiency by 80%. Demonstrates transferable, hands-on experience in data visualization, predictive analytics, and statistical modeling. Eager to apply analytical strengths to new domains and drive business growth.

SKILLS

- **Tools:** Excel (Advanced), SQL, Python (Pandas, NumPy, Seaborn), Power BI, Looker Studio, BeautifulSoup.
- **Techniques:** Exploratory Data Analysis (EDA), Dashboard Design, Forecasting, Data Cleaning.
- **Databases & Workflow:** Relational Databases, SQL Queries, ETL, API Integration, Automation.

WORK EXPERIENCE

Data Specialist | Kombeni High School & Sub-County Education Office

Mar 2022 to Present

- Spearheaded a county-wide analytics initiative with 6 stakeholders and, recognized for data-driven decision making in 2023, generated insights that directed strategic resource planning across 15 entities.
- Analyzed performance data from 20 entities to identify key gaps, pinpointing areas for improvement that guided specialized training initiatives and resulted in a 12% improvement in key performance metrics.
- Conducted in-depth analyses of 3 KPIs—dropouts, enrollment, and transitions—uncovering trends that informed equitable strategies and drove improved outcomes across diverse stakeholder groups in the county.

Data & Performance Analyst | Kombeni High School

Apr 2017 to Present

- Automated performance reporting for large datasets (1,100+ entries) using Excel, resulting in an 80% improvement in reporting efficiency.
- Executed ANOVA and regression analysis on performance data, driving actionable insights and visualizations that improved performance by 15% and reduced transfer cases by 18%.

PROJECTS

View portfolio: <https://davedavie100.github.io/portfolio>

Nov 2022- Dec 2024

- Engineered Python data pipelines during the KPMG Virtual Internship to segment 4,000+ customers based on demographics and behavior, and created Power BI dashboards to forecast high-value target customers.
- Designed and built Power BI dashboards to visualize sub-county performance data (19 schools, 2,400 students) in national assessments, identifying distribution disparities and performance benchmarks.
- Retrieved and cleaned a large, multi-relational database (200K+ rows, 199 columns) using Python, uncovering key insights and producing actionable visualizations to drive strategic decisions.
- Built SQL scripts using JOINS and CTEs to analyze a 30K+ flight database, uncovering revenue trends, sales peaks, and delay patterns; delivered visual insights to optimize peak travel timing and route planning.
- Constructed an interactive Google Looker Studio dashboard to visualize 10+ patterns and trends in Motor Vehicle Theft data, enabling law enforcement to identify crime hotspots and optimize patrol strategies.
- Streamlined data analytics workflows by extracting and organizing data via the Twitter API, cutting preparation time by 40% and uncovering engagement trends to guide strategic planning.
- Formulated intervention strategies by mapping achievement gaps across gender and institutional ranking trends, boosting performance of underperforming institutions by 12%.

CERTIFICATION & TRAINING

- KPMG AU Data Analytics Virtual Experience | Forage May 2024
- Data Analysis with Python | freeCodeCamp Jul 2023
- Associate Data Analyst in SQL | Datacamp Jan 2023
- Data Analyst Nanodegree | Udacity Nov 2022
- Programming Essentials in Python | Cisco Networking Academy® Apr 2022

EDUCATION

- B.ED Science – Statistics Major | Kenyatta University Dec 2010