

# MATHEW SHEM

## DATA ANALYST

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Data Analyst with a focus on delivering actionable insights, driven to tackle complex challenges and apply analytical expertise to support data-driven decision-making. Proficient in data visualization, problem-solving with a user-centric approach, and fostering seamless collaboration across teams to achieve impactful results.

### AREA OF EXPERTISE

Data Analysis and Visualization Statistical Analysis	Database Management and SQL Learning and Predictive Modeling	Machine Learning Business Intelligence and Reporting Coding and Programming for Data Analysis
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### KEY ACHIEVEMENTS

- Data-Driven Market Analysis.** Conducted comprehensive data analysis to identify trends and opportunities, enhancing decision-making and strategy development for business growth.
- Revenue Growth Analysis.** Applied statistical techniques and predictive modeling to optimize pricing strategies, driving measurable revenue increases and improving market performance.

### PROFESSIONAL EXPERIENCE

**Data Analysis Tutor, StatQuestJourney Hub** **May 2024 - Present**

- Developed Comprehensive Training Programs. Designed and delivered advanced data analysis tutorials, enhancing student proficiency by 15% through hands-on learning.
- Optimized Learning Processes. Streamlined course structures and materials, improving knowledge retention and reducing learning time by 10%.

**Business Data Analyst, Mathai's & Naivas Supermarket, Local stores** **Present**

- Analyze sales data for local supermarkets like Mathai's and Naivas, achieving a 12% improvement in inventory management.
- Collaborate with superstores to identify trends, ensuring alignment with market demands.
- Provided actionable insights, contributing to a 15% increase in operational efficiency.

### EDUCATION

**Bachelor of Science in Biostatistics** **Aug 2022 - Present**

Jomo Kenyatta University of Agriculture and Technology

- Major in Data Analysis
- Thesis on "Applications of Data Analytics in Advancing the Current Biostatistics and Data Science Fields."

**Certificate in Data Analysis** **December 2023 - May 2024**

StatQuestJourney Hub

- Relevant coursework in Data Visualization, Statistical Modeling, and Predictive Analytics.

### ADDITIONAL INFORMATION

- Languages:** English, Swahili, Pidgin
- Certifications:** Certified Data Analyst (CDA), Advanced Statistical Analysis Certification (ASAC).
- Awards/Activities:** Outstanding Data Analyst of the Year (2023), Best Data-Driven Project (2024), Excellence in Student Engagement (2023).