Noel Mangai

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Ambitious and purposeful Business/Data Analyst with strong proficiency in data analysis tools, and a solid academic background in Business Analytics and Data Intelligence. Adept at storytelling through data and conveying messages that matter. Focused on constant growth and development in my field.

TECHNICAL SKILLS

- **R Programming:** Collecting, cleaning, and analyzing data.
- **SPSS:** In-Depth Statistical Analysis.
- **SQL:** MS SQL Server for Data Querying, Database creation, and management.
- **SAS:** Advanced Data Analysis.
- **Excel:** Collect, clean, and interpret data sets.
- **Tableau/PowerBI:** Data visualization and Storytelling.

PROJECTS

- **Research Project – Consumer Opinion on Microsoft Company and its Services.**
  - Utilized **SPSS** and **Excel** to perform Regressions, Chi-Square Tests, tests of means, etc.
  - Worked with Team to gather responses, write paper and create presentation.
  - To be presented at the National Social Sciences Technology Association Conference.
- **Forecasting China's GDP using ARIMA modeling.**
  - Utilized **R** to develop an ARIMA model for forecasting China's GDP.
  - Performed Exponential Smoothing and created an Autocorrelation function for data.
  - Graphed and presented Data within **R** to an audience of Students and Professionals.
- **Inventory Management Database for Property Management Company using SQL.**
  - Created a normalized logical model (relational model) diagram in **E/R Assistant.**
  - Utilized **MS SQL Server** for database implementation and maintenance.

ADDITIONAL SKILLS

- Stakeholder Management: Effective communication and relationship building with all stakeholders.
- Business Process Modeling: Adept in modeling business processes to identify areas of improvement.
- Accounting: Proficient at financial analysis and reporting.

WORK EXPERIENCE

Facility/Administration Assistant   August 2022 – May 2024
University Recreation Center - University of West Georgia

- Provided Administrative support to senior admins and directors through **analysis**, **database retrieval**, and **literature review**.
- **Communicated** effectively with all stakeholders to ensure smooth operation of facility.

EDUCATION

Richards College of Business, University of West Georgia   August 2020 – May 2024
Bachelor of Business Administration: Data Intelligence and Business Analytics