SUSAN GRACE MITHIKA

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🔗 **GitHub Portfolio Project**

OBJECTIVE

Detail-oriented and highly motivated aspiring Data Analyst with a strong foundation in statistical analysis, data visualization, and database management. Eager to apply analytical skills and technical knowledge to real-world data problems in a dynamic and growth-oriented organization.

EDUCATION

Pitman Training College - **Aug 2023 to June 2024**
Diploma in Data Analysis

Coursework: Data Analysis, Statistical Methods, Data Visualization, Project Management, Machine Learning and Fundamentals of AI, Python Programming, SQL, R.

University of Nairobi - **Sept 2011 to Dec 2015**
Bachelor of Arts – Sociology

Coursework: Social Theory, Research Methods in Sociology, Statistics for Social Sciences, Social Stratification, Sociology of Deviance, Urban Sociology, Medical Sociology, Cultural Sociology, Environmental Sociology, Sociology of Religion.

SKILLS

Programming Languages: Python, R, SQL
Data Analysis: Pandas, NumPy, Scikit-learn
Data Visualization: Matplotlib, Seaborn, Tableau, Power BI
Database: My SQL
Tools: Jupyter Notebooks, Excel

Soft Skills Excellent verbal and written skills, presentation and storytelling skills, and a great team player.

PORTFOLIO PROJECT EXPERIENCE

Project 1: Movie Industry Data Analysis

- Analysed a large dataset to identify key factors that correlate with the gross earnings of movies.
- Used Python (Pandas, NumPy) to clean and pre-process data.
- Created visualizations using Matplotlib and Seaborn to present findings.
- Generated insights that could help.

Project 2: Customer Segmentation

- Conducted clustering analysis on customer data using the K-means algorithm.
- Pre-processed and analyzed data using Python and Scikit-learn.
- Visualized clusters and customer segments using Seaborn and Tableau.
- Provided actionable recommendations for targeted marketing.

ADDITIONAL INFORMATION

Languages: English, Swahili
Interests: Data Storytelling, Coding, Humanitarian service.

References are available upon request.