

SHARON NJURAITA NJERI

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<https://github.com/Njuraita>

Career Objective:

Detail oriented data analyst with less than one year experience with data analysis tools such as python, power bi, SQL, tableau, and advanced excel, seeking to transition to an entry level data analyst role. Eager to utilize and further develop my analytical skills to generate insights, compile reports and contribute to strategic, data driven decision making process in projects, as I advance my career to becoming a data scientist

Project Work:

1. Indian Startup Ecosystem

- Conducted comprehensive research and analysis on the Indian startup ecosystem to evaluate market trends, insights from data, and growth opportunities
- Gathered raw data from multiple sources, including industry databases and CSV datasets, uncovered anomalies in the data and cleaned the data to ensure accuracy and consistency
- Defined key analytical questions to guide data exploration and analysis, focusing on funding distribution across investment stages
- Leveraged on Power BI to create an interactive dashboards and visualizations that effectively communicated insights about project findings and the viability of setting up a startup in India

Link to the GitHub Project: <https://github.com/Njuraita/LP1-Indian-Startup-Ecosystem.git>

2. Customer Churn Prediction Project:

- Developed and evaluated machine learning models- such as Random Forest, Gradient Boosting Machine for predicting customer churn, achieving up to 79% F1-score.
- Implemented data preprocessing techniques including pipelines, robust scaling and SMOTE for handling imbalanced data.
- Collaborated effectively with peers and contributed to project success by managing tasks, resolving challenges, and sharing insights with the team.
- Led hyperparameter tuning efforts for complex models like GBM and Random Forest, achieving significant improvements in F1-score through systematic optimization

Link to the project: <https://github.com/Njuraita/Customer-Churn-Prediction-.git>

Skills:

- Data Management
- Data Cleaning
- Data Manipulation
- Data Modeling
- Data Analysis
- Statistical Data Analysis
- Machine Learning
- Python Programming
- Business Intelligence
- Data Visualization

Work Experience:

KWALE Golden ltd

Data Administrator

Dec 2020- June 2024

- Offered technical support and troubleshooting for data-related issues, ensuring smooth operational processes.
- Performed data extraction, transformation, and loading (ETL) tasks using Microsoft SQL Server for efficient data management.
- Utilized SQLite for Lightweight Data Solutions by Implementing SQLite for local and small-scale data storage solutions, optimizing performance and accessibility.
- Integrated Oracle CX Cloud to manage and analyze customer interactions, enhancing customer experience and engagement.
- Applied Problem Solving Skills: Addressed complex data challenges and developed innovative solutions to improve data processing and reporting accuracy.

Volunteer:

Project Coordinator

Jan 2020- Apr 2020: *W.O.F.A.K (Women Fighting Aids in Kenya)* Mombasa

Social Worker

Mar 2018- Aug 2018: Community Service and Rescue Team -Kerugoya

Education

Certificate in Data Analysis

2023- Ongoing

Azubi Africa

Diploma in Community Development and Counselling

2017-2022

Technical University of Mombasa