

Mohamed Hussein

Email: mohahar2013@gmail.com

Phone: +252 617 007 071

LinkedIn: Mohamed Hussein

Portfolio: <https://mohammedhussein22.github.io/ds-labs/>

Professional Summary

Detail-oriented and analytical Data Scientist / Research Officer with over 2 years of experience in data analysis, research, and strategic decision-making across commercial sectors. Proven ability to extract actionable insights using statistical models and machine learning techniques. Skilled in Python, R, SPSS, and STATA, with a focus on business problem-solving, customer analysis, and market intelligence. Strong communicator with a track record of translating complex data into business growth strategies.

Core Competencies

Market & Customer Research: surveys, interviews, behavioral analytics

Competitive Intelligence: benchmarking, competitor analysis

Data Analysis & Visualization: SPSS, STATA, Power BI, Tableau, Excel

Statistical Modeling: regression, classification, forecasting

Dashboards & Reporting: executive summaries, stakeholder communication

Programming & Tools: Python, R, SurveyMonkey, Google Forms, Excel

Key Projects

- Somalia Mobile Internet Dashboard:

Created an interactive Power BI dashboard to visualize and interpret GSMA data on Somalia's internet infrastructure and mobile broadband development from 2014–2023.

- *British Airways Job Simulation:*

Analyzed customer data and proposed data-driven improvements to marketing strategy and customer service delivery.

- Supermarket Sales Forecasting:

Developed a predictive model using XGBoost to forecast daily sales from historical POS data. Included product-wise performance analysis and created sales dashboards.

- Customer Churn Analysis for Telecom:

Built classification models to identify churn-prone customers using customer usage data. Suggested retention strategies and customer segmentation based on lifetime value.

Education

B.Sc. in Statistics and Planning (ongoing)

Benadir University

Certifications

Google Data Analytics Professional Certificate

IBM Data Science Professional Certificate

Complete Data Science Bootcamp (2025)

British Airways Job Simulation (March 2025)

Commonwealth Bank Data Simulation (March 2025)

Technical Skills

Programming: Python, R

Statistical Tools: SPSS, STATA, Minitab, Excel

Survey Tools: Google Forms, SurveyMonkey

Visualization: Tableau, Power BI, Matplotlib, Seaborn

Data Handling: Excel, SQL basics, Pandas, NumPy

Cloud & Big Data: Google Cloud Platform, Hadoop, Apache Spark