Mohamed Hussein

Email: mohahar2013@gmail.com | Phone: +252 617007071

LinkedIn: Mohamed Hussein

| Portfolio: https://mohammedhussein22.github.io/ds_labs/

Professional Summary

Detail-oriented and analytical Data Analyst / Research Officer with over 2 years of experience delivering market insights, customer analysis, and data-driven strategy across commercial sectors. Skilled in using research methodologies and statistical tools to interpret complex datasets and communicate actionable recommendations to stakeholders. Strong background in Python, R, STATA, and SPSS, with a passion for understanding customer behaviour, tracking market trends, and contributing to product and business growth. Adept at bridging technical findings with strategic goals across cross-functional teams.

Core Competencies

- Market & Customer Research: Surveys, interviews, behavioural analytics
- Competitive Intelligence: Benchmarking, competitor analysis
- Data Analysis & Visualisation: SPSS, STATA, Power BI, Tableau, Excel
- Statistical Modelling: Regression, classification, forecasting
- Dashboards & Reporting: Executive summaries, stakeholder communication
- Programming: Python, R | Tools: SurveyMonkey, Google Forms, Excel
- Telecommunications & Tech Acumen: Strong grasp of digital and tech product lifecycles

Projects

Somalia Mobile Internet Dashboard – Power BI & GSMA Index (2014–2023)

- Developed an interactive Power BI dashboard analyzing Somalia's mobile internet growth using the GSMA Mobile Connectivity Index framework.
- Assessed strategic dimensions such as infrastructure, affordability, digital readiness, and content availability.
- Provided **key** KPIs, trend insights, and demographic breakdowns to inform policy and development strategies.
- Designed the dashboard to support government, telecom, and development stakeholders in evaluating digital inclusion and identifying growth opportunities.

British Airways Job Simulation – Forage (March 2025)

- Conducted review analysis and behavioural modelling to extract customer preferences.
- Identified factors driving purchase behaviour and recommended customer-centric marketing strategies.

Commonwealth Bank Data Simulation – Forage (March 2025)

- Designed and implemented data pipelines for customer and social media analytics.
- Proposed strategies for anonymisation and privacy compliance in marketing data systems.

Diamond Price Prediction (Analytics & Visualization)

- Predicted diamond prices using XGBoost with 98% accuracy; optimized features through exploratory and inferential analysis.
- Produced visual dashboards on pricing factors to guide pricing strategy scenarios.

Road Accidents Prediction & Policy Analysis

- Built a Random Forest classifier (85% accuracy) to predict accident risks.
- Interpreted insights to guide public safety campaigns and regional interventions.

Education

On Going Bachelor of Science in Statistics and Planning

Benadir University

Certifications

- Google Data Analytics Professional Certificate
- IBM Data Science Professional Certificate
- Complete Data Science Bootcamp (2025)

Technical Tools

- Programming: Python, R
- Statistical Tools: SPSS, STATA, Minitab, Excel
- Survey Tools: Google Forms, SurveyMonkey
- Visualisation: Tableau, Power BI, Matplotlib, Seaborn
- Data Handling: Excel, SQL basics, Pandas, NumPy
- Cloud & Big Data: GCP, Hadoop, Apache Spark (basic exposure)