

MOHAMED HUSSEIN

Data Scientist / Research Officer
61 7007071 | mohahar2013@gmail.com | Mogadishu
Website: <https://eng-mohamed-husein-portfolio.vercel.app/>

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 behavior, tracking market trends, and contributing to product and business growth. Adept at bridging technical findings with strategic goals across cross-functional teams.

EDUCATION

Computer Science in Data Science Candidate
University Of The People, Expected graduation Jul 2027

Bachelor of Science in Statistics and Planning Candidate
Benadir University, Expected graduation Jul 2026

SKILLS

- Market & Customer Research: Surveys, interviews, behavioral analytics
- Data Analysis & Visualization: SPSS, STATA, Power BI, Tableau, Excel
- Statistical Modelling: Regression, classification, forecasting
- Dashboards & Reporting: Executive summaries, stakeholder communication
- Programming: Python, R | Tools: Survey Monkey, Google Forms, Excel

CERTIFICATIONS

- Google Data Analytics Professional Certificate
- IBM Data Science Professional Certificate
- Complete Data Science Boot camp (2025)
- Oracle Cloud Infrastructure 2025 Certified Data Science Professional

TECHNICAL TOOLS

- 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

Internships

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 anonymization and privacy compliance in marketing data systems.

Code Veda – Data Science Internship (Ongoing)

- Working on real-world datasets to extract actionable insights and optimize data pipelines.
- Collaborating with senior data scientists on model evaluation and statistical reporting.

Code Alpha – Machine Learning Internship

- Implemented core machine learning algorithms such as linear regression, decision trees, and clustering for predictive modeling tasks.
- Gained hands-on experience in feature engineering, model validation, and performance metrics.
- Documented project workflows and presented key insights to mentors.

Personal 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.
- Designed the dashboard to support government, telecom, and development stakeholders in evaluating digital inclusion and identifying growth opportunities.

Customer Churn Analysis (Python – Data Analysis)

- Performed in-depth churn analysis using Python (Pandas, NumPy, and Matplotlib) to identify key factors affecting customer retention.
- Conducted data cleaning, feature engineering, and correlation analysis to highlight churn patterns and trends