

Faisal Alshatiri

Data Analyst

✉ faisal@alshatiri.com ☎ +966540807957 📍 Riyadh 🔗 alshatiri.com

Profile

Data Analyst with a Bachelor's in Statistics. Proficient in R, Excel, SQL, and Power BI for statistical modeling and visualization. Experienced in conducting end-to-end analysis, ranging from consumer behavior surveys to advanced forecasting and time-series modeling. Strong foundation in translating complex data into actionable business insights.

Education

King Saud University

06/2026

Bachelor of Science in Statistics

Relevant Coursework: Applied Regression Analysis, Time Series Analysis, Survey Sampling & Design, Statistical Computing (R), Probability Theory.

Skills

Statistical Computing

R
Excel (Advanced/Pivot Tables)
Python (Pandas, matplotlib)

Database & Data Visualization

SQL (Queries, CTEs, Window Functions, Joins, Aggregation)
Power BI (Dashboards, Reporting)

Statistical Methods

Regression Analysis
Hypothesis Testing
Survey Design
Time Series Analysis (ARIMA, SARIMA, SARIMAX, ARDL).

Projects

Study and analysis of economic factors affecting inflation in Saudi Arabia: Using the ARDL methodology

Constructed and tested a ARDL model to study Inflation in Saudi Arabia, and its relation to factors like GDP, Money Supply, Oil Prices, Trade openness and Saudi Vision 2030 and interpreted for insights while supporting with evidence that the vision has improved Inflation.

Split Payment Analysis: What makes people use Split Payment services and how do they behave?

Designed and executed a survey of 200+ consumers, using statistical reporting to identify key purchasing triggers and demographic trends.

Modeling Saudi GDP Sensitivity to Oil Shocks

Quantified the dynamic elasticity of the Saudi economy to oil price fluctuations by engineering an ARDL (Autoregressive Distributed Lag) model in R. Identified a long-run coefficient of 1.51, confirming significant sensitivity despite diversification efforts, validated via Bounds Testing for cointegration.

Electricity Consumption Analysis

Optimized resource planning insights by developing a SARIMAX model with Cooling Degree Days (CDD) to forecast usage trends and identify seasonal peak demand periods.

Certifications

Google Data Analytics Professional Certificate

Google

Comprehensive curriculum covering data cleaning, analysis (R, SQL), and visualization.

Excel for Data Analysis

IBM

Focused on advanced Excel functions (Pivot Tables, VLOOKUP) and creating interactive dashboards for business reporting.

Languages

Arabic — Native/Bilingual

English — Fluent