

Sheikh Mohammad Shaheryar

Data Analyst — Software Engineer

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Iqama: 2589093737 Status: Transferable Driving License: Yes – Valid in KSA Nationality: Pakistani

Profile

Data Analyst with 5+ years of experience turning complex business data into clear, actionable insights. Currently leading analytics and dashboard development at Arabian Thermal Aire Industries (ATAI), where I design automated ETL pipelines, build executive-level Power BI/Tableau dashboards, and support strategic decision-making with advanced data modelling. Strong background in SQL, Python, and business metrics with a proven ability to improve reporting accuracy, automate manual workflows, and deliver value across sales, operations, and finance teams.

Education

Cardiff Metropolitan University, Cardiff, UK

Sept 2021 – Sep 2022

MS in Data Science

- Grade : Distinction

University Of Engineering and Technology, Pakistan

Sept 2013 – Sep 2017

BSc in Software Engineering

- CGPA : 3.07/4.00

Experience

Data Analyst (Sales and Marketing)

Jubail, Saudi-Arabia

Arabian Thermal Aire Industries (ATAI)

Aug 2025 – Continue

- Developed interactive Power BI dashboards for management — visualizing monthly inquiries, quotation status, PO value, and regional performance KPIs (Eastern, Central, Western).
- Designed and deployed a Laravel–MySQL analytics platform to track project inquiries from Bidding to PO-Received, enabling real-time visibility across all departments.
- Automated data cleaning and transformation pipelines using Python (Pandas, openpyxl) to standardize monthly Excel reports before import into MySQL and Power BI.
- Created dynamic KPIs and trend analysis in Power BI and Highcharts for quotation value, conversion ratios, and target achievements.
- Linked Sales Order logs with quotation data to calculate conversion trends, backlog value, and revenue forecasts.
- Collaborated with estimation, sales, and finance teams to align reporting logic with operational and financial KPIs.
- Reduced manual reporting and Excel work by over 80% enabling the company to make faster, data-driven sales decisions and improve overall business insight.

Data Analyst

Remote, UK

Epochs IT Solutions

JULY 2023 – JULY 2024

- Developed Power BI Tableau dashboards, improving business visibility.
- Created SQL queries to analyze trends in customer behavior, increasing sales by 25%.
- Designed and implemented ETL pipelines, automating data processing by 50 % .
- Worked with stakeholders to provide data-driven business recommendations.

Software Engineer — Data Analyst

Cardiff, UK

Agile-Kinetic

MAY 2022 – MAY 2023

- Full-stack developer (backend/frontend complete development)
- Introduced agile methodologies and effective development best practices to division to enhance product development

- Utilized statistical software to clean and prepare data for analysis
- Developed SQL queries to extract, validate, and manipulate data from multiple sources, ensuring alignment with data requirements and stakeholder needs.
- Developed machine learning models to predict customer churn with 85% accuracy.
- Integrated business intelligence tools with data sources to streamline real-time reporting.

Software Engineer

Joeyco

Karachi(Canadian based)

MARCH 2020 – AUGUST

2021

- Implemented SQL queries stored procedures, optimizing database performance.
- Designed data warehousing solutions that improve data retrieval efficiency.
- Leading team processing 24 million transaction annually. by 50 % .
- Applied PostgreSQL and other SQL database expertise for efficient data management processes.

Junior Software Engineer

Conure Information Technology Services

Karachi(USA based)

SEPTEMBER 2017 –

MARCH 2019

- Built real-time web applications using Java, Spring Boot, and Angular.
- Developed authentication authorization systems using OAuth JWT.
- Integrated third-party APIs, enhancing software functionalities by20 %.

Projects

NHS Physiotherapy Appointment System

- Master's project aligning with NHS workflows for physiotherapy services.
- Served as Data Analyst – performed data extraction, load optimization, and wait time trend analysis.
- Automated feedback and operational data pipelines for continuous reporting.
- Tools Used: Next.js, MongoDB, RESTful APIs, Python (Pandas, Matplotlib)

Sales Analytics Dashboard

- Built interactive KPI dashboards in Power BI for multi-region sales analysis.
- Analyzed seasonal trends; contributed to a 20% quarterly revenue increase.
- Tools Used: Power BI, SQL, Excel, Python (Pandas), DAX

Automated Parking Management System

- Final Year Bachelor's Project – Developed a system to automate vehicle tracking, space allocation, and payment collection.
- Tools Used: MATLAB, C#

Enterprise HR & School Admin Platform

- Designed HR module (auth, payroll, leave) and school module (student records, attendance, fees).
- Extracted operational data for insights into academic and employee performance.
- Tools Used: Java Spring Boot, C#, MySQL, HTML, Bootstrap, RESTful APIs

Invoice Generator – VAT Compliant Desktop App

- Python/MySQL desktop app for Saudi businesses – generates bilingual VAT-compliant PDFs with QR code.
- Tools Used: Python (Tkinter), MySQL

Data Scraping & Analysis Project

- Scrapped and cleaned real-world datasets; visualized insights using Python and MATLAB.
- Tools Used: Python, MATLAB, BeautifulSoup, Pandas

Technologies

Programming Languages & Scripting: Python, Java, JavaScript, PHP, HTML, R, Bash/Shell, SQL

Data Science & Analytics: Data Science, Machine Learning, Algorithms, Data Analysis, Data Cleaning, Data Extraction, Microsoft Excel

BI & Visualization Tools: Power BI, Tableau, Google Data Studio

Statistical & ML Libraries: Scikit-Learn, TensorFlow, Pandas, NumPy

Web & Application Development: Frontend Development, Backend Development, Web Applications, ReactJS, Node.js, Laravel, APIs, Agile Methodology

Databases & Data Management: MySQL, PostgreSQL, MongoDB, Database Administration, Data Structures

Tools & Platforms: Git, JIRA

Soft Skills & Management: Team Management, Project Management, Project Planning, Decision Making, Cross-Functional Collaboration, Teamwork, Analytical Thinking, Problem Solving

Additional Information

Work Authorization: Saudi Arabia (Transferable Iqama)

Availability: Immediate

Work Preference: Open to Remote, Onsite, or Hybrid roles

Relocation: Willing to relocate within KSA

Languages: Arabic (Intermediate), Urdu (Native), English (Fluent)