

# 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

<b>Cardiff Metropolitan University, Cardiff, UK</b> <b>MS in Data Science</b> <ul style="list-style-type: none"><li>Grade : Distinction</li></ul>	<i>Sept 2021 – Sep 2022</i>
<b>University Of Engineering and Technology, Pakistan</b> <b>Bs in Software Engineering</b> <ul style="list-style-type: none"><li>CGPA : 3.07/4.00</li></ul>	<i>Sept 2013 – Sep 2017</i>

## Experience

<b>Data Analyst(Sales and Marketing)</b> <i>Arabian Thermal Aire Industries (ATAI)</i> <ul style="list-style-type: none"><li>Developed interactive Power BI dashboards for management — visualizing monthly inquiries, quotation status, PO value, and regional performance KPIs (Eastern, Central, Western).</li><li>Designed and deployed a Laravel-MySQL analytics platform to track project inquiries from Bidding to PO-Received, enabling real-time visibility across all departments.</li><li>Automated data cleaning and transformation pipelines using Python (Pandas, openpyxl) to standardize monthly Excel reports before import into MySQL and Power BI.</li><li>Created dynamic KPIs and trend analysis in Power BI and Highcharts for quotation value, conversion ratios, and target achievements.</li><li>Linked Sales Order logs with quotation data to calculate conversion trends, backlog value, and revenue forecasts.</li><li>Collaborated with estimation, sales, and finance teams to align reporting logic with operational and financial KPIs.</li><li>Reduced manual reporting and Excel work by over 80% enabling the company to make faster, data-driven sales decisions and improve overall business insight.</li></ul>	<i>Jubail, Saudi-Arabia</i> <i>Aug 2025 – Continue</i>
<b>Data Analyst</b> <i>Epochs IT Solutions</i> <ul style="list-style-type: none"><li>Developed Power BI Tableau dashboards, improving business visibility.</li><li>Created SQL queries to analyze trends in customer behavior, increasing sales by 25%.</li><li>Designed and implemented ETL pipelines, automating data processing by 50 % .</li><li>Worked with stakeholders to provide data-driven business recommendations.</li></ul>	<i>Remote, UK</i> <i>JULY 2023 – JULY 2024</i>
<b>Software Engineer — Data Analyst</b> <i>Agile-Kinetic</i> <ul style="list-style-type: none"><li>Full-stack developer (backend/frontend complete development)</li><li>Introduced agile methodologies and effective development best practices to division to enhance product development</li></ul>	<i>Cardiff, UK</i> <i>MAY 2022 – MAY 2023</i>

- 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 by 20 %.

## **Projects**

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### **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**

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

## **Technologies**

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**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

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**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)