Abdul Rauf Mohiuddin Syed

Data Analyst | Business Analyst

syedabdul0007@gmail.com • +49 179 6916315 • github.com/ARaufMoSy • linkedin.com/in/abdulraufsyed

Professional Summary

Junior Data Analyst experienced in leveraging data for process optimization and supporting stakeholders. Proficient in building dashboards and automating ETL workflows to improve operational efficiency and guide strategic decision-making. Seeking to apply strong analytical and technical skills to solve complex business challenges in a data-driven environment.

Education

Hochschule für Angewandte Wissenschaften Hamburg, B.Sc. Information Engineering   Nov 2025
Thesis: Data Contract Generation Framework for Enterprise Data Governance
Relevant Coursework: Mathematics, Systems Engineering, Linear Programming, Statistics, Business Process Modeling, Databases, Algorithms and Data Structures

Work Experience

Digital Solution Analyst - Working Student, Siemens Energy AG, Hamburg   Sep 2022 - Present
- Extracted and analyzed datasets from SAP and internal databases using Python and SQL, improving reporting accuracy by 30%.
- Designed Power BI dashboards to monitor supply and demand, reducing reporting time by 70%.
- Built ETL pipelines with automated data contracts to improve data quality for decision-making and AI model performance.
- Automated reporting with Power Automate, reducing manual effort by 40%.
- Supported predictive analytics to forecast equipment demand and minimize downtime.
- Collaborated with stakeholders to gather requirements and validate data sources, bridging technical and business teams.

Software Development Intern, IT-Xavior, Pakistan   Mar 2021 - Jun 2021
- Analyzed e-commerce customer behavior data, improving retention rates by 30%.
- Extracted insights from sales datasets using SQL and presented findings to management.

Core Skills

Programming: Python (Pandas, NumPy, Scikit-learn), SQL, R, Excel (VBA)
Data Analysis: Statistical Analysis, ETL Pipelines, Hypothesis Testing, A/B Testing
Tools & Tech Stack: Power BI (DAX, Power Query), Tableau, Streamlit, Azure (Databricks, DevOps), Power Automate, SharePoint, Git/GitHub
Business Skills: Problem Solving, Critical Thinking, Stakeholder Management, Requirements Gathering, Process Optimization, Agile Methodologies

Projects & Achievements

Motion Analysis (Python)
- Built machine learning pipeline processing sensor data with linear regression models achieving 92% accuracy.
- Performed data wrangling and preprocessing using Python pandas for equipment performance prediction.

Predictive Maintenance for Equipment (Machine Learning)
- Developed predictive models using scikit-learn to forecast equipment failure patterns and maintenance needs.
- Created interactive dashboard with Streamlit detecting anomalies and reducing unplanned downtime.

Supplier Management Dashboard
- Built Power BI dashboard tracking purchase orders and supplier performance using Excel and ServiceNow database.
- Improved supplier costs visibility and reduced delays for executive reporting.

Certifications: Google Data Analytics Professional Certificate | Agile Scrum Master | Microsoft AI-102 (in progress)

Languages & Hobbies

English (C1), German (B2), Urdu (Native)
Leadership: Harvard MUN Head Delegate; negotiated with 50+ country delegates
Interests: Judo (Black Belt), Marathon Running, Rotary International Member