

Shahnawaz Ali

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Location: London, UK

Professional Summary

Strategic and detail-oriented Data Analyst with over 4 years of hands-on experience in data analytics, business intelligence, and stakeholder-driven reporting across healthcare, telecommunications, and enterprise environments. Proficient in extracting actionable insights from large, complex datasets using advanced SQL, Power BI, and Excel to support operational performance, executive reporting, and decision-making. Adept at automating reporting workflows, building scalable dashboards, and translating business needs into data solutions that drive measurable outcomes.

Skills & Competencies

Data Engineering & Databases

- SQL (CTEs, window functions, stored procedures, indexing, performance tuning, subqueries, recursive queries)
- Data warehousing (Star/Snowflake schema, ETL pipelines, data normalization, database designing)
- Microsoft SQL Server, MySQL, PostgreSQL, MongoDB

Business Intelligence & Reporting

- Power BI (DAX, Power Query M, Paginated Reports, RLS, Power BI Service, data gateways, Power Automate, Power Service, Power app)
- Excel (Power Query, dynamic dashboards, nested formulas, VBA scripting, Solver, advanced pivot tables)
- KPI dashboards, executive reporting, drill-down reporting, automated workflows

Analytics & Insights

- Time-series forecasting, cohort analysis, statistical testing, ad-hoc investigation
- Funnel analysis, root-cause analysis, and trend identification for business strategy

Cross-Functional & Communication Skills

- Stakeholder engagement and requirements gathering
- Agile delivery and sprint-based reporting cycles
- Technical documentation, end-user training, and storytelling with data

Work Experience

Optimus Solutions – Data Analyst

March 2025 – Present

- Extract and transform complex datasets using SQL to support ad-hoc and routine reporting.
- Build and maintain automated Power BI dashboards for performance tracking across business units.
- Translate stakeholder requirements into actionable data solutions, enabling informed decision-making.
- Streamlined reporting workflows using Power BI Service and Excel, improving turnaround time.
- Deliver live reports via Power BI links, ensuring secure and timely access for stakeholders.

Achievements:

- Reduced report delivery time through report automation.
- Enhanced visibility into business operations by migrating static Excel reports into dynamic dashboards on Power BI.

First Community Health and Care – Data Analyst

July 2023 – Feb 2025

- Extracted, transformed, and maintained clinical and operational data using SQL Server, supporting real-time reporting for service improvement and compliance.
- Developed and managed advanced Power BI dashboards to visualize key healthcare KPIs, patient trends, and service outcomes for internal stakeholders and senior leadership.
- Worked extensively on the EMIS Web clinical system, performing backend data extraction, cleaning, and analysis to ensure accuracy and completeness of patient records.
- Automated SQL-based data pipelines from EMIS Web, significantly improving efficiency and accuracy in recurring reports.
- Delivered training to internal teams and technical staff on using Power BI and interpreting visual reports to support data-informed clinical decisions.

Ericsson Global Private Limited – Junior Data Analyst

Feb 2020 – Jul 2021

- Conducted exploratory data analysis to understand network performance and customer behavior.
- Built Power BI dashboards and Python-based models to monitor and predict system failures.
- Optimized SQL queries for faster data processing and reduced downtime by 15%.
- Designed anomaly detection models that proactively reduced system failures.
- Improved reporting accuracy and speed through SQL and automation techniques.

Education & Certifications

MSc Data Science – Middlesex University, UK (2021 – 2022)

Bachelor of Technology in Computer Science – Manipal University, India (2016 – 2020)

Certifications:

- Microsoft Power BI (PL-300)
- SQL for Data Analysis – Udemy
- Python & Machine Learning – Udemy
- Data Science Career 365 – Udemy

Projects & Research during MSc Data Science

Premier League Half-Time Match Prediction (May 2022 – Dec 2022)

- Designed and implemented a machine learning pipeline to predict match outcomes at half-time using real-world Premier League data.
- Applied and compared multiple classification algorithms including Random Forest, Support Vector Machine (SVM), Logistic Regression, and XGBoost.
- Conducted feature engineering and data preprocessing using Scikit-learn; normalized features with Standard Scaler.
- Achieved a predictive accuracy of 63%, with the Support Vector Classifier and XGBoost performing best.