

# MUHAMMED SHAFEEQ

## DATA ANALYST

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## Professional Summary

Detail-oriented Data Analyst with 6 years of experience in healthcare documentation and a strong foundation in computer science. Skilled in data visualization, transformation, and analysis using advanced Excel, Power BI, Python, and SQL. Leverages deep healthcare domain knowledge to deliver accurate, insight-driven dashboards and analyses that support data-driven decision-making and operational efficiency.

## Certifications

Certification in Data Analytics-Illinois Tech, US

Nov 2025

Data Analytics-NSDC, Entri Elevate

Oct 2025

- Earned dual certifications demonstrating global and national proficiency in analytical methods
- Developed and demonstrated expertise in Microsoft Excel, Power BI, MySQL, and Python
- Trained to deliver insightful dashboards and concise reports tailored for business decision-making and stakeholder communication

## Skills

**Techniques:** Data Cleaning, DAX, Data Modeling, EDA, KPI Dashboards, SQL joins, Aggregations, Pivot Tables, Power Query, Data Validation, Trend Analysis, Outlier Detection, Medical terminology, EHR Systems

**Tools:** Power BI, Excel (Advanced), MySQL, Python, NumPy, Pandas, Matplotlib, Seaborn, Beautiful Soup

**Soft Skills:** Attention to Detail, Critical Thinking, Problem Solving, Time Management, Ethical Awareness

## Projects

**NHS Emergency Readmissions Dashboard | Python, NumPy, Pandas, Seaborn, Matplotlib, Power Bi | [GitHub](#)**

*Built an end-to-end analytics solution to explore and visualize NHS emergency readmissions data (2013–2024).*

- Cleaned and transformed data using Python (Pandas, NumPy); visualized trends with Matplotlib and Seaborn
- Created 15+ exploratory visuals to uncover patterns in age groups, deprivation levels, and performance
- Developed a one-page Power BI dashboard with KPIs, trust rankings, and readmission trends over time
- Highlighted key insights such as the vulnerability of 75+ age group, COVID-era disruptions, and regional disparities in care quality

**FIFA 21 Dashboard | Excel, Power Bi | [GitHub](#)**

*Built an interactive dashboard to analyze player statistics from the FIFA 21 dataset using Power BI.*

- Visualized key performance metrics (e.g., pace, dribbling, shooting) across 18,000+ players
- Designed slicers and comparative visuals to filter data by club, country, and position
- Derived insights into attribute distributions, regional play styles, and top talent clusters
- Highlighted trends such as the skill variability of midfielders and youth potential hotspots

## Achievements

**Power BI Dashboards – Technite 2025 (24-Hour Build Battle, Entri HQ, Kochi | May 31 – June 1, 2025)**

**Best Power BI Dashboard Award | Overall Champions**

- Awarded Best Power BI Dashboard and Overall Champion for developing two interactive dashboards under 24-hour constraints
- Created dashboards for job market analytics and academic performance benchmarking using Power BI
- Collaborated with a cross-functional team (software tester, full-stack developer, Python developer) to deliver a winning project under time pressure

## Education

- **Bachelor of Science:** Computer Science, Calicut University.