

Hamzah Asghar Farooqi

15 Musgrave Drive, CB2 0AQ, Cambridge, UK +447463623860

[LinkedIn](#) | [GitHub](#) | [Email](#) | [Website](#)

PROFILE

Motivated Data Analyst with a strong passion for data analysis seeking a challenging role. Bring a solid track record in Big Data Analytics, Data Visualization with expertise in statistical analysis, data mining & predictive modeling. Skilled in leveraging the MS Data Stack including SQL Server & Power BI. Proficient in advanced Excel functions (COUNTIF, XLOOKUP, VLOOKUP) data validation, conditional formatting & data cleaning using Power Query. Experienced in creating interactive dashboards & implementing complex calculations using Power BI DAX functions. Committed to delivering insights & continuously improving the skills in SQL, Python, Excel & big data technologies

SKILLS

Programming Languages	Data Analysis & Visualization	Machine Learning & AI	Big Data & Tools
Python (Pandas, NumPy, Scikit-learn)	Power BI (RLS, DAX)	Predictive Modeling,	PySpark
R	Advanced MS Excel	Neural Networks,	GCP (BigQuery)
MySQL	(XLOOKUP, Power Q	Natural Language	ETL Processes
Azure SQL Server	Pivot Tables)	Processing, Decision	Data Mining
		Trees, Clustering	

EXPERIENCE

- Data Analyst - Alkhidmat Welfare UK (Part time)** *(January 2024 - Present)*
KEY SKILL: Python, SQL, Power BI, MS Excel, CRM, Machine Learning, Data Analysis, Report Writing
 - Achieved a **25% reduction in reporting time** & **improved donor satisfaction** by leveraging advanced Excel techniques for data analysis & reporting, leading to a **significant increase in charitable donations**.
 - Managed and preprocessed donor data**, including comprehensive data cleaning, transformation, and validation, ensuring **accuracy and consistency** across datasets.
 - Implemented MS Excel**, employing functions like **VLOOKUP, INDEX MATCH, COUNTIF**, conditional formatting, and pivot tables to analyze and present data.
 - Developed and maintained detailed donor profiles** within the CRM (donorfy) system, streamlining data management processes.
 - Applied **Python and SQL** for data extraction, manipulation, and analysis, **enhancing efficiency and accuracy** by **30%** of data processing tasks.
 - Created Power BI dashboards** to visualize and communicate key insights to stakeholders, **driving data-informed decision-making** within the organization.
 - Introduced **machine learning models (decision trees, clustering)** to segment donor data and predict donor retention, enhancing fundraising strategies and operational planning.
 - Regularly produced **reports and presentations** to effectively communicate data insights to senior leadership, supporting strategic decision-making.
- Customer Service - Blue Line Operations Ltd (Part time)** *(June 2023- January 2024)*
KEY SKILL: Customer Service, MS Excel, Report Writing
 - Transformed Excel for data entry and analysis, streamlining customer service operations, leading to a **20% increase in efficiency** in handling over **1,000 customer requests**
 - Cultivated robust communication** and interpersonal abilities through direct customer interactions, ensuring clear and effective exchanges.
 - Employed adept problem-solving skills** to swiftly address and resolve customer inquiries, maintaining **high levels of satisfaction**.
 - Maintained meticulous records** of customer interactions using Excel for accurate tracking and reporting, enhancing the ability to identify trends and improve service quality.

3. Data Management and Analyst - Alpha Evolution Enterprises (February 2022- December 2022)

KEY SKILL: Customer Service, MS Excel, Report Writing, Power BI, PowerPoint

- Enhanced online presence, leading to a **20% increase in web traffic** by optimizing data integration processes, resulting in over **1,000+ viewers** within six months.
- Collaborated with cross-functional teams to drive project success and streamline operations.
- Leveraged **MS Excel** for data analysis, using **pivot tables, VLOOKUP, and conditional formatting** to support decision-making.
- Created a dashboard in Power BI for real-time data visualization and performance tracking.
- Developed and delivered presentations in PowerPoint to communicate data insights to stakeholders effectively.
- Applied **predictive modeling techniques** to forecast performance metrics, optimizing operational planning and resource allocation.

4. Student Project Administrator - Study Aid Foundation for Excellence (February 2021- January 2022)

- **Enhanced project management skills** and designed smooth and efficient project execution.
- **Managed and shared team information using Excel**, employing functions for data organization and analysis.
- **Analyzed feedback and survey responses with Excel** to derive actionable insights and support project improvements.

5. Intern Junior Web Developer- Emerssive Solutions (June 2019 – December 2019)

- **Gained practical experience in front-end (PHP) and back-end (Python) development** through web projects, contributing to a **40% faster development cycle** for new features.
- **Applied robust security measures** to ensure data integrity and protect user privacy
- **Executed data-driven features** in web applications, enriching user experience and visualization.

EDUCATION

1. Coventry University, United Kingdom (January 2023 - January 2024)

MSc Data Science and Computational Intelligence (Merit)

- **Distinctions:** Big Data Analytics & Data Visualization, Modeling & Optimization, Information Retrieval.
- **Notable Achievements:** Developed advanced machine learning models, optimized predictive algorithms, and conducted large-scale data transformations.

2. University of Management and Technology, Pakistan (September 2017- December 2021)

BSc in Computer Science (2:2)

PROJECTS

1. [Speech Recognition automatically by using Artificial Neural Network](#)
2. [Predicted Customer Churn in the Telecommunications Industry using Bayesian Networks and Classification](#)
3. [Salary Prediction of an Adult by using Machine Learning Algorithms](#)
4. [Analyzing Video Game Sales Data using PySpark and Tableau](#)
5. [Implemented Search Engine with Document Clustering](#)
6. [Analysing Coffee Shop Sales by Using Advance Excel Techniques](#)
7. [Analysing Beverage Sales Analysis by Data Visualization](#)
8. [Comprehensive Progress Analysis for a Student Organization](#)
9. [Diamond One- Bedroom Apartment Analytics](#)

CERTIFICATIONS

1. [Learning Data Analytics: 1 Foundations](#)
2. [Learning Data Analytics Part 2: Extending and Applying Core Knowledge.](#)