

Muhammad A.

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SUMMARY

Having recently graduated with a **2:1 in MSc Big Data Analytics** from **Birmingham City University** and have worked as a **Data Analyst**, I am actively seeking opportunities as a **Graduate Data Analyst**. **I have the right to work in the UK.**

EDUCATION

MSc in Big Data Analytics with Professional Placement, 2:1 | Birmingham City University | 2022 - 2023

- **Modules:** Web Social Media Analytics (**89%**), Data Mining (**66%**) and Applied Statistics (**61%**)
- **Dissertation:** Leveraging Deep Learning for Solar Panel Detection (**70%**)

BS in Computer Science, 2:1 | FAST University Islamabad | 2016 - 2020

- **Modules:** OOPS, Data Structures, Design and Analysis of Algorithms
- **Dissertation:** FARMEASE: A Smart Android App for Soil Suitability and Crop Recommendation

WORK EXPERIENCE

Supervisor | Onestop Security | August 2023 - Present | Birmingham, UK

- Managed vehicle entries, booking **1000+** cars, improving auction processing efficiency.
- Created Excel reports using **PivotTables**, analyzing sales trends for strategic decisions.
- Implemented an incident reporting framework, ensuring documented and timely resolutions.

Data Analyst Industrial Placement | Meganexus | January 2023 - June 2023 | London, UK

- Delivered **insightful analysis** to improve **A&E visitor** forecasts by **10%** using **SARIMAX** modelling.
- Reduced response time by **20%** through chatbot automation, improving customer engagement.
- Enhanced patient recovery by **15%** by leading **Power BI** dashboard development and **KPI** monitoring.
- Extracted and transformed large datasets using **Python**, **SQL**, and **Airflow**, ensuring accurate reporting.
- Collaborated closely with **stakeholders** to identify relevant data sources and provide actionable insights.

Trainee Consultant JAVA | EP Systems | May 2021 - January 2022 | Lahore, Pakistan

- Reduced processing time by **50%** by developing a **Spring Boot** module to automate commission and discount calculations.
- Built a **React-based** UI for financial reporting, improving accessibility for **200+** users and reducing report retrieval time by **40%**.
- Reduced troubleshooting time by **35%** by resolving complex technical queries using **SQL**.
- Implemented **Express.js** middleware to redirect HTTP to HTTPS, enhancing security and ensuring **100%** compliance.
- Integrated **Microservices** with React and **REST** APIs, streamlining backend-frontend interactions.

EXTRACURRICULAR ACTIVITIES

- **Kaggle Enthusiast** - Analysed **10+** datasets on Kaggle, deriving insights to develop ML models and data solutions.
- **Avid Traveler** - Explored **5+** countries, immersing in diverse cultures and gaining global perspectives.

PROGRAMMING LANGUAGES, SKILLS AND CERTIFICATES

- **Programming Languages:** Python, SQL, R, Java, C++
- **Skills:** Power BI, Tableau, Excel, Statistical Analysis, Data Mining, KPI Dashboards, Data Storytelling
- **Certifications:** DP-900 Microsoft Azure Data Fundamentals