

ARIFF KHAIRUDDIN

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Github: <https://github.com/AriffKha/Ariff-Khairuddin-CV>

Results-driven Biomedical graduate equipped with an arsenal of laboratory and analytical techniques to execute data-driven solutions with high efficiency and accuracy. A proven candidate with strong perseverance and project management skills, with an even stronger desire to optimise systems through a keen interest in Data Analytics. Looking for full time employment in data analytics in various fields.

SKILLS

Data processing and Analysis

Data Visualization Power BI, Excel, Google Sheets, Tableau. IBM Cognos, Google Looker, SQL

Programming. Lang. Python, DAX

Teamwork MS Tools, Figma, Mural, Zoom, Discord

EDUCATION

University of Greenwich, Medway (IBMS Accredited)

September 2015 – June 2019

First-class Honours in Biomedical Sciences

EMPLOYMENT HISTORY

Data Analyst -

Rise of Kingdoms Community

March 2020 - Now

- Partnered directly with the global executive team to build out the data and reporting infrastructure from scratch using **Power BI, Python, and Google Sheets** to provide real-time insights into products and performance KPIs.
- Built a semi-automated ETL pipeline to streamline data processing, **reducing manual work by 10 hours weekly** and **saving costs by 75%**.
- Spearheaded rapid prototyping sessions with tools like **Figma** and **Mural**, enhancing **product planning and delivery speed by 20%**.
- Created dynamic **Power BI** dashboards to aid leadership in strategic decision-making, improving **performance targeting accuracy by 30%**.
- Enhanced community systems with data-driven member programs, boosting **community satisfaction by 80%** and reducing **staff turnovers by 60%**.

Associate Practitioner -

NHS Bracknell Lighthouse Lab

July 2021 - March 2022

- Conducted COVID sample analysis in a high-profile, government-funded lab, following strict protocols and using semi-automated ThermoFisher equipment.
- Utilised **MS SharePoint** and **Excel** to organise clinical data from diagnostic instruments for seamless integration.
- Led a team to **increase sample processing capacity by 25%**, contributing to a total of **8 million samples processed**.
- Selected for the genotyping section to operate advanced lab equipment and design PCR templates for ThermoFisher QuantStudio visualisations.
- Demonstrated high proficiency, which led to expanded responsibilities and created new opportunities for future practitioners.

PROJECTS

Meta-analysis on Vitamin D diseases -

University Final Project

September 2018 – June 2019

- Conducted extraction, cleaning, analysis, and visualisation of data from **21 research papers** on single-nucleotide polymorphisms and disease impact using **Excel**.
- Presented prototype findings to field specialists and scientists, gathering constructive feedback for final refinement.
- Achieved a **first-class result** on the project, showcasing rigorous analytical skills and scientific communication.

QUALIFICATIONS

- Excel Basics for Data Analysis (Coursera)
- Data Visualization and Dashboards with Excel and Cognos (Coursera)
- Python for Data Science, AI & Development (Coursera)

INTERESTS

Gaming

Became the lead coach and organiser for the community Esports team; coached and analysed strategies for 4 different teams, utilising **Google Forms, Excel**, and **Discord** to successfully **win 20% more games** played.