Zara Farid

Technology Pioneer – Data & Business Analytics

Interests: Coding, Pottery, Reading

Zara's academic background in mathematics sparked her passion for leveraging technology and data to solve complex problems. This led her to delve deeper into areas such as, Numerical Methods with Python, Probability and Statistics and Mathematical Finance, where she applied advanced mathematical models to real-world financial challenges. Working in an audit firm also sharpened her analytical abilities, where she prepared financial reports using advanced Excel functions and audit software, collaborating with cross-functional teams to deliver accurate, timely results.

Zara is eager to continue growing in fast-paced, tech-driven environments that rely on data to drive innovation and efficiency. She aims to expand her technical expertise in data analytics, machine learning, and business intelligence, aspiring to contribute to organisations that embrace technology as a core driver of success.

Work Experience / Personal Projects

Wilder Coe | Audit Trainee | 2024

Analysed, structured and organised large datasets form clients, ensuring accurate financial reports using MS Excel, CaseWare and AlphaTax. Assessed financial data integrity by developing and implementing quality assurance processes to detect errors in the trial balance.

Numerical Methods Python | 2023

Developed and implemented python scripts such as Gaussian, Euler and Runge Kutta for numerical analysis, including statistical modelling and data simulation. Visualised results of Monte Carlo simulations using Matplotlib and NumPy, presenting graphs and findings in clear reports for presentation.

Statistics 1 & 2 | 2023

Created a strong foundation in hypothesis testing and regression analysis, with a focus on their applications in data analysis and modelling. Gained skills in using statistical methods like the Law of Large Numbers and Central Limit Theorem to interpret data patterns, inform decision-making, and enhance data-driven insights.

Education

King's College London | 2020 - 2023
BSc (Hons) Mathematics

Albany Beck Training

Programme Overview
SDLC, Cloud Computing-AWS, Linux Essentials, Git Basics, JIRA, Confluence. Business Analysis Practice, Requirements Engineering, Modelling Business Processes. SQL Vs NoSQL, Normalisation, Data Modelling, OLTP & OLAP, Data Warehouses. Statistics, Visualisation, What If Analysis. BI Tools, Data Sources, Charts, Formatting, Forecasting, Trend Lines. Data Types, Variables, Operators, Control Statements, Arrays & Functions, Packing & Unpacking, Slicing, Object Oriented Programming Concepts, Logging, Debugging, File Handling, NumPy and Pandas.