Shak Adefuwa

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Training and Education

Sep. 2024 – Dec. 2024   **Digital Skills Bootcamp: Data Technician – Just IT Training Ltd | London**

- Data & Big Data Concepts: Architecture, Governance, and Structures
- Data Analysis & Visualisation: Excel, Tableau, Power BI
- SQL & Database Management: Microsoft Access, Azure (relational & non-relational)
- Programming for Analytics: Python (Pandas, Matplotlib, Seaborn), R (EDA, Data Cleaning)

Sep. 2015 – Jun. 2018   **University of Reading | Reading, UK**
BSc (Hons) Chemistry

Sep. 2007 – Aug. 2015   **City of London Academy | Islington**
A Level: Chemistry   Biology   Physics
GCSE: 11 at A-C incl. Maths, Science, English Literature & Language

Employment History

Oct. 2019 – Dec. 2021   **Science Teacher – Ministry of Education | Abu Dhabi, UAE**

- Designed and delivered science lessons based on the American curriculum, including engaging presentations and differentiated content for varied proficiency levels.
- Analysed student performance data using Excel (functions and pivot tables) to identify trends, which informed monthly reports used in parent-teacher meetings.
- Conducted weekly science experiments, including rate of reaction experiments where students collected data on reaction times and outcomes. Students then analysed their findings by plotting the data in Excel, enhancing their understanding of scientific principles and developing their data visualisation skills.

Sep. 2018 – Aug. 2019   **Teaching Assistant – St Joseph's College Croydon | Beulah Hill, London**

- Supported students with additional assistance and reinforced classroom instruction.
- Tracked student progress daily in Excel, essential for their annual student review.
- Collaborated with teachers to develop tailored learning strategies based on lesson outcomes.

Jun. 2018 – Sep. 2018   **Kitchen Staff – J.D.Wetherspoon | Marylebone, London**
Dec. 2015 – Jan. 2017   **Event Staff – Off to Work | London**
Feb. 2014 – Sep. 2015   **Delivery Driver – Deliveroo / You Me Sushi / Holy Cow | Central London**

Personal Data Projects

Ben's Pizzeria January Sales Report – Power BI and SQL project
Designed and generated a realistic dataset for a fictional pizzeria, including real postcodes from two cities to enable geographic analysis. Simulated common data quality issues to create a hands-on data cleaning and normalisation process in MySQL. Built a Power BI dashboard with engaging visuals with practicality in mind.

Retail Sales Report – Power BI
Built an interactive dashboard in Power BI to track e-commerce sales, focusing on revenue, customer counts, and category breakdowns. Used data preparation skills with Pandas and emphasised clear visual design to communicate business insights.

Smartwatch Fitness Data – Python
Processed smartwatch data using Python for cleaning and preparation, visualised with Matplotlib. The project focused on practicing Pandas and navigating unexpected data issues.

NBA.com The Value of the 2nd Round – Tableau
Analysed NBA second-round draft picks (1996–2022) using Tableau to create visuals on player performance, adding context and insights to show the limits of standard stats. Focused on combining data storytelling with modern sports analytics.

References available upon request