

# Nafisa Ali

Birmingham Based, UK

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## **PERSONAL PROFILE**

Highly driven, motivated and analytical data professional. A current participant in Tech Talent Academy's data Academy program learning python fundamentals, including key data science libraries such as NumPy, pandas, scikit, and TensorFlow.

I am gaining a solid grounding in machine learning algorithms, relational database management (SQL), and data visualisation. I am a keen and adaptable worker looking for entry-level data science positions that will utilise this skill set.

## **QA Ltd and TechTalent Academy, Data science Oct 2021 – Oct 2022**

Intensive 9-week Bootcamp with focus on the fundamentals of data science and data engineering, delivered through a combination of interactive group learning and home learning tasks. During these courses, I built strong skills in manipulating data using SQL, NumPy and Pandas whilst visualising the data using Python libraries, including Matplotlib, Altair and also using Power BI and Tableau.

## **Education**

2022-2022	QA Ltd DATA ENGINEERING BOOTCAMP IN PROGRESS
2022-2022	QA Ltd. Azure Fundamentals Microsoft AZ-900 Certificate
2021-2022	BCS, The Chartered Institute for IT Foundation Award in What is Machine Learning
2021-2022	TechTalent Academy Data Science Bootcamp
2017-2018	Birmingham City University PGCE-PCET (Postgraduate certificate in education- Post-Compulsory Education and Training)
2014-2017	Coventry University BSc (Hon) Biomedical science
2013- 2014	Birmingham Metropolitan College Access to Higher Education

## **Knowledge and skills:**

1. Python
2. Pandas
3. NumPy
4. Altair
5. ML
6. Tableau
7. MySQL
8. Power BI
9. Implementing Data Science Solutions on Azure
10. Data Architecture

### **Relevant experience:**

**Communication skills:** My expertise in designing worksheets, tests and PowerPoint demonstrate my strong communication skills. I am an engaging presenter and confident public speaker.

**Problem-solving creativity and resourcefulness:** I have developed these skills during lesson planning – whenever I had limited resources or was covering a subject about which I was unfamiliar. I am innovative and often explored ways to stretch the school's budget to deliver for students. These abilities demonstrate that I can perform effectively in difficult situations while utilising all available resources.

**Working independently and collaboratively:** I will generally work alone to organise lessons, teach, and grade students' work. I will also have experience working in a group and collaborating with my colleagues to ensure that students who require additional assistance or attention are identified. I may have also shared resources and discussed conflicts with my team, demonstrating that I value others' ideas and can effectively communicate.

**Attention to detail:** Being a detail-oriented person helps ensure mistakes don't slip through the cracks and produce major consequences.

### **Work experience:**

**2018-2021** I work as a self-employed private tutor for primary school students. I teach mathematics to Key Stage 1 and Key Stage 2. I also worked as a cover teacher at Solihull College.

**2019** academic year, I worked as a science teacher in Al- Burhan Grammar school.

**2017-2018** academic year, I worked at Bournville College as a science teacher. In the short period that I have worked there, I have gained tremendous experience in teaching, behaviour management, and maintaining a good rapport with the staff and management. I have worked at Bournville College to support and provide pupil progression for KS4 and KS5. Ensuring accurate and productive use of regular assessment of students. I taught a range of classes and modules, such as mathematics, clinical biochemistry, microbiology, and general biology.

**2009-2012** I worked as an interpreter at ITLs and Prime Productions, interpreting and translation companies in London.

### **My responsibilities included**

Planned and prepared high-quality lessons, engaging and motivating students to maximise learning potential.

Maintained a school-wide culture of respect and actively used positive behavioural interventions and supports (PBIS) disciplinary methods.

Collaborated cross-functionally with other subject teachers to build strong support networks and educational frameworks for students.

Assessed student performance, behaviour, and social development and devised improvement strategies for struggling children.

Assessed submitted class assignments for conformance with instructions and understanding of the material, determining grades, and reviewed work with struggling students to boost success chances.

Built lifelong learning skills and strong study habits in students to help each prepare for higher-level education.

Communicated objectives for all lessons, units, and projects to students and parents clearly and effectively.

Guided students through exploration and analysis of different art forms and implemented a hands-on approach to art education.

### **ADDITIONAL QUALIFICATIONS AND ACHIEVEMENTS**

- Sense of adventure: I completed non-science modules such as 3Ds max software, pilot studies, and business start-up at Coventry University.
- Problem-solving: Set up a charity to raise funds for people affected by certain disasters that occur in Somalia. Gained a variety of essential skills, such as organisational skills, and how to manage time effectively.
- Linguistics: Able to converse in English, Somali, and Arabic.

### **HOBBIES AND INTERESTS**

My hobbies and interest include reading books and walking long distances.

I also enjoy socialising with others and discovering new cultures.

**References are available upon request.**