

# Saqib Safdar

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## Data Science | Artificial Intelligence | Digital Strategy

A data scientist, educator and AI specialist with a passion for problem solving and leveraging technology for data driven solutions. A background in strategic leadership and EdTech implementation, leading organisations successfully through digital transformation.

### EDUCATION

<b>Artificial Intelligence – MSc</b> , University of Leeds	2026
<b>Professional Certificate in Machine Learning and Artificial Intelligence</b> – Imperial College Business School	2024
<b>Postgraduate Diploma in Digital Education</b> – The University of Edinburgh	2024
<b>PGCE – Post Compulsory Education &amp; Training, Physics &amp; Mathematics</b> – The University of Greenwich, London	2004
<b>Physics, BSc Hons</b> – University College London	2003

### TECHNICAL PROFICIENCIES

- ▶ **Languages:** R, SQL, Python (Scikit Learn, Numpy, Pandas, Matplotlib, Seaborn, Skopt, Pytorch, Tensor Flow)
- ▶ **BI Data Prep and Visualisation** – Tableau Prep & Desktop, Alteryx
- ▶ **IDE:** VS Code, Colab
- ▶ **Project Management Tools:** Microsoft Project, Asana, Jira
- ▶ **Statistical Packages:** SPSS, GeoGebra, 4-matrix
- ▶ **LMS:** Canvas LMS (admin, support, developer), Moodle (admin)

### WORK EXPERIENCE

**London School of Economics and Political Science | URL: [www.lse.ac.uk](http://www.lse.ac.uk)** 06/2023 – Present

*The London School of Economics and Political Science (LSE) is a prestigious world-leading social science university*

#### Data Science Training Specialist:

- ▶ Oversee all projects at the Digital Skills Lab and ensure they meet the evaluation metrics
- ▶ Design and develop live reporting using Tableau to evaluate the booking data for reporting and insights
- ▶ Provide data science training to learners at different skill levels include Python, R and Tableau.
- ▶ Oversee development of AI literacy module

**Education for the 21<sup>st</sup> Century | URL: [www.e21c.co.uk](http://www.e21c.co.uk)** 09/2022 – 03/2023

*Education for the 21st Century is a values-led organisation committed to improving outcomes and transforming lives by realising social mobility and the transformative power of education.*

#### Head of Digital Strategy and Data:

- ▶ Managed the digital transition by overseeing the formative stages of digital developments at the Trust
- ▶ Designed the Trust's Data Operating Model and Digital Education Strategy
- ▶ Developed a trust-wide digital skills audit and reading age analysis by adopting agile principles using Microsoft Project and Power BI
- ▶ Implemented Arbor and 4-matrix based on the Trust's assessment policy to support the first common assessment.

**Harris Federation | URL: [www.harrisfederation.org.uk](http://www.harrisfederation.org.uk)** 09/2021 – 08/2022

*The Harris Federation is UK's largest multi-academy Trust with 52 primary and secondary academies in London and Essex, as well as a teaching school alliance that trains thousands of teachers every year.*

#### Digital Learning Lead:

- ▶ I wrote the Trust's digital education strategy and subsequently led the implementation of Microsoft SharePoint across three schools to resolve their data security issues.
- ▶ Responsible for providing program support and guidance to deliver a Minecraft Education Edition for coding at Key Stage 2

**Star Academies | URL: [www.staracademies.org](http://www.staracademies.org)**

09/2019 – 08/2021

*Star Academies is an award winning, best performing multi-academy Trust, with a growing network of primary and secondary schools with a mission to deliver the very best education to young people across the UK*

**Digital Innovation & Learning Lead:**

- ▶ Lead the Trust's EdTech Flagship school in achieving Microsoft showcase status
- ▶ Created and developed the Star EdTech Toolkit with the Director of Quality and Assurance
- ▶ Project managed a Big Teach Event, to deliver online CPD to 28 schools with Tom Sherrington
- ▶ Supported Trust schools during lockdown with online learning

**DLD College London | URL: [www.dldcollege.co.uk](http://www.dldcollege.co.uk)**

08/2017 – 08/2019

*DLD College is a multi-award winning independent 14-19 co-educational day and urban boarding school offering an all-around holistic education for A Levels, BTEC, GCSEs and International Foundation Programmes.*

**Head of eLearning:**

- ▶ I wrote the digital education strategy, implemented Canvas LMS and developed a bespoke CPD program; this won the College the Alpha Plus Award for Innovation.
- ▶ I lead a teaching learning community of staff and a student group of Digital Innovators to innovate EdTech developments

**EARLIER CAREER ROLES**

<b>Mathematics &amp; Advanced Skills Teacher (eLearning)</b> – Woodhouse College, London	12/2012 – 08/2017
<b>Course Leader in A-Levels Mathematics</b> – Epping Forest College, Epping	01/2012 – 12/2012
<b>Mathematics Teacher (Key Stages 3-5)</b> – International Community School, Jordan	09/2009 – 08/2011
<b>Mathematics Teacher (A-Level &amp; GCSE)</b> – Leyton Sixth Form College	09/2004 – 08/2009

**CERTIFICATIONS**

- ▶ Introduction to Data Analytics – Career Foundry
- ▶ Scrum Master
- ▶ Google - Data Analysis with R
- ▶ Microsoft: Certified Educator, MOS (Excel, Adv Excel), MTA (Python), Minecraft Global Mentor, MIE
- ▶ Data Quest: Business Analyst with Tableau, Data Analyst in R, Data Scientist in Python, Deep Learning in Python

**PROFESSIONAL DEVELOPMENT TRAINING**

Performance Consulting - LSE	2024
TAP Training Delivery Skills Award – QA Ltd	2023
Education Transformation Framework for Senior Leaders – Tablet Academy	2022
Digital Leadership, Dr Neelam Parmer	2018

**PROJECT MANAGEMENT PROFICIENCIES**

- ▶ General Data Protection Regulations (GDPR), Project Management Operations (PMO).
- ▶ Agile Methodologies – Scrum Certified, Waterfall, Risks, Assumptions, Issues & Dependencies Reporting (RAID).
- ▶ Standard Operating Procedures (SOP), Statement of Work (SoW).
- ▶ Strategies – Digital Education, Data Operating Model

**ADDITIONAL INFORMATION**

Full UK Driving Licence | Willing to Travel | Hybrid, Remote or Onsite Working | References on Request