FCDO Services

APPRENTICESHIPS IN

Data Science

Learn how to transform data into tangible results. Explore cutting-edge software capabilities and master how to use technology solutions to get results. That's how you'll meet the needs of government-level customers, and deliver a competitive advantage to a global organisation. Plus, you'll combine these practical experiences with your studies as you work towards a Level 6 apprenticeship qualification in data science – and become an expert in your field.

APPRENTICESHIPS IN **DATA SCIENCE**

Ready to discover how influential data science can be? Whether you're just leaving school, returning to work after a career break, or looking to change careers, you're someone with a genuine passion for data and you'll know all about its possibilities. Now it's time to use that passion to keep UK government departments connected at home and overseas, and to ensure our customers' data stays as secure as possible. You'll learn about the various roles, functions and activities related to data and technology solutions, and apply your findings to your studies as you complete a professional qualification.

As your apprenticeship progresses, you'll grow in confidence and ability. You'll find yourself contributing to genuine projects, identifying ways you can improve our processes, and using your experience to inform your academic work. And once you've completed the apprenticeship? Well, you'll have the skills and knowledge you need for a successful, meaningful career as a qualified Data Scientist. In other words, your future just got bigger.

YOUR PROGRAMME

If your application is successful, you'll get stuck in from the start with a mix of practical work and academic study with a training provider. We'll provide a combination of face-to-face tutoring/workshops, and remote and e-learning, as well as plenty of support and guidance to help you achieve your Level 6 qualification.

KEY FACTS

- **Level 6 degree apprenticeship, working towards a BSc (Hons) in Data Science**
- **Based at Hanslope Park, Milton Keynes, with the flexibility of hybrid working depending on business need**
- **Up to 50-month programme – with a potential full-time role at the end**
- **Open to all ages, but you will need:**
  - Two GCSEs (or equivalent e.g. O levels) in Maths and English at grades 9-4 (A*-C)
  - A minimum of three A Levels at grade A*-C worth a minimum of 96 UCAS points and including one STEM subject; or a relevant Level 3 qualification

- A genuine passion for data and data science, and the drive to work within a data science community
- The motivation to develop experience building data pipelines at scale, using a range of tools and technologies
- British citizenship, having lived in the UK for the last three years before the first day of the apprenticeship (aiming to start September 2023), and for at least five of the last ten years
- To be at least 16 years old by 30 April 2023 so you can complete Security Check (SC) clearance before your start date
- **Candidates will need to undergo Security Check (SC) clearance before joining, and Developed Vetting (DV) clearance after joining**

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From the outset of your apprenticeship, you'll be placed with one of three teams on a rotational basis, giving you the opportunity to see how data is used across the business as you work with colleagues in areas such as cyber security, project management, finance, and sales and commercial. So, you'll be working alongside experts, contributing to real projects, and taking on activities such as:

- Learning how our multiple IT systems work, and understanding the data they hold
- Supporting internal customers with accurate information extracted from large datasets
- Managing and analysing information trackers and spotting recurring trends
- Working with stakeholders across the business to deliver analysis, information, and reports to support decision-making
- Monitoring compliance and identifying any vulnerabilities
- Understanding the Data Warehouse capabilities, and gaining proficiency in a variety of data engineering, data science and data visualisation tools, techniques and technologies, including SQL server and open source tools
- Contributing to project work, relieving pressure and improving ways of working.

Throughout the programme, you'll be assessed in several ways, through on-the-job projects and a final end point assessment. Throughout the whole process our teams, along with the training provider, will be there to see you through, helping you manage your workload and achieve your potential.

COMPLETING YOUR APPRENTICESHIP – AND BEYOND

On successful completion of your apprenticeship, you'll be a qualified Level 6 Data Scientist. So where next? You'll have a whole range of options to make the most of your skills and experience. We'll do our best to find you a full-time position with us, most likely placing you in one of the teams you've already worked in. Whatever your interests and specialisms, we'll ensure you realise your potential so you can achieve great things wherever your talent takes you.

Website: fcdoservicescareers.co.uk/apprenticeships   **Email:** fcdoservices.recruitment@fcdo.gov.uk

IT TAKES A DIVERSE TEAM
TO PROTECT A DIVERSE WORLD

Apprenticeships

disability
confident
EMPLOYER