







Level 4

# Data Analyst

## Apprenticeship



				
<b>Duration</b>	<b>Location</b>	<b>Starting</b>	<b>Age</b>	<b>Careers</b>
132 weeks	Rush Green Campus	Flexible dates	Apprenticeships	Digital & IT

### How do apprenticeships work?

If you prefer a more practical style of learning, an apprenticeship or higher apprenticeship could be the ideal option for you. They enable you to learn on the job and gain nationally recognised qualifications at the same time. [Find out more about apprenticeships.](#)

## Overview

The primary role of a Data Analyst is to collect, organise and study data to provide business insight.

Data analysts are typically involved with managing, cleansing, abstracting and aggregating data, and conducting a range of analytical studies on that data.

They work across a variety of projects, providing technical data solutions to a range of stakeholders/customers issues. They document and report the results of data analysis activities making recommendations to improve business performance.

Data Analysts have a good understanding of data structures, database systems and procedures and the range of analytical tools used to undertake a range of different types of analyses

## What you'll learn

- Identify, collect and migrate data to/from a range of internal and external systems
- Manipulate and link different data sets as required
- Interpret and apply the organisations data and information security standards, policies and procedures to data management activities
- Collect and compile data from different sources
- Perform database queries across multiple tables to extract data for analysis

- Perform routine statistical analyses and ad-hoc queries
- Use a range of analytical techniques such as data mining, time series forecasting and modelling techniques to identify and predict trends and patterns in data
- Assist production of performance dashboards and reports
- Assist with data quality checking and cleansing
- Apply the tools and techniques for data analysis, data visualisation and presentation
- Assist with the production of a range of ad-hoc and standard data analysis reports
- Summarise and present the results of data analysis to a range of stakeholders making recommendations
- Work with the organisation's data architecture

## Assessments / Exams

To achieve the apprenticeship standard all components must be completed, including Functional skills at the required level if the apprentice doesn't have exemptions.

All apprenticeship standards include an end point assessment which is required to complete the standard.

## Entry requirements

A-C or 4-9 GCSE

Working a minimum of 30 hours per week

## What this apprenticeship leads to

On completion apprentices can progress to a higher level apprenticeship course or directly in to employment

This apprenticeship is recognised for entry onto the Register of IT Technicians confirming SFIA level 3 professional competence and those completing the apprenticeship are eligible to apply for registration.

Visit this course on our website: <https://barkingdagenhamcollege.ac.uk/find/courses/0000011156>

For further information please contact the college: <https://barkingdagenhamcollege.ac.uk/contact>