DATA**ANALYST**

QUALIFICATIONS

The entry requirement will be decided by each employer, but may typically be five GCSEs at Grade C or higher.

BEHAVIOURS

Problem-solving and Analytical Skills: Proactively identifies and analyses complex problems, applying logical reasoning and critical thinking to develop effective solutions.

Communication and Collaboration: Effectively communicates findings and insights to both technical and non-technical audiences, fostering collaboration and knowledge-sharing.

LEVEL 4

DURATION: 24-MONTHS

MAXIMUM FUNDING: £15000

Route: Digital & ICT

OVERVIEW

Data Analysts are essential in today's data-driven world, working across all sectors.

They contribute to decision-making by collecting, analysing, and interpreting data from various sources. Their insights drive organisational strategy and performance, helping businesses gain a competitive edge. From identifying trends and patterns to predicting future outcomes, data analysts play a crucial role in shaping the success of organisations.

SKILLS

Data analysis, Data cleaning and preparation, Data visualisation, Database management, Statistical analysis, Problem-solving, Communication and presentation.

KNOWLEDGE

Data Management and Analysis: Understanding different types of data (e.g., structured, unstructured), data cleaning techniques, and various statistical analysis methods.

Database Systems: Familiarity with different database systems (e.g., relational, NoSQL), their structure, and how to efficiently query and manage data.

Data Visualisation: Knowledge of data visualisation tools and techniques to effectively communicate complex findings.

Data Ethics and Legislation: Understanding data protection regulations (e.g., GDPR), privacy concerns, and ethical considerations in data collection and analysis.

Programming and Software: Proficiency in programming languages (e.g., Python, R) and statistical software commonly used in data analysis.

TYPICAL JOB TITLES

| DATA ANALYST | JUNIOR DATA ANALYST | BUSINESS INTELLIGENCE ANALYST |