

## Higher Apprenticeship in Data Analytics

### Overview

The Higher Apprenticeship in Data Analytics is designed to attract new talent into Data Analytic roles and to upskill the existing workforce.

The roles covered by this Apprenticeship could either be within:

- IT & Telecoms organisations providing development and/or operational services to a range of clients; or
- Organisations operating in any sector which make use of IT Systems to process and store data of any type

### The Apprenticeship includes the following qualifications:

- Level 4 Diploma in Data Analytics
- Essential Skills Wales in Communication Level 2
- Essential Skills Wales in Application of Number Level 2
- Essential Skills Wales in Digital Literacy Level 2
- Employee Rights and Responsibilities

### Qualification overview for the Level 4 Diploma in Data Analytics:

Learners must achieve at least 124 credits to gain the qualification. To do this they must achieve all units from Mandatory Group A and at least 52 credits from Optional Group B.

Mandatory Group		
Title	Credit	Level
Develop own Effectiveness and Professionalism	12	4
Principles of Data Management and Infrastructure	18	4
Data Analysis Tools	18	4
Data Analysis: Data Science	24	4

Mae'r Rhaglenni Prentisiaeth, Hyfforddeiaeth a Thwf Swyddi Cymru, a arweinir gan Lywodraeth Cymru, yn cael cymorth ariannol gan Gronfa Gymdeithasol Ewrop

The Apprenticeship, Traineeship and Jobs Growth Wales Programmes, led by the Welsh Government, are supported by the European Social Fund



Optional Units – Group B		
Title	Credit	Level
Data Management Infrastructure	18	4
Statistical Analysis of Data Sets	15	4
Programming for Data Analytics	15	4
Investigating and Defining Customer Requirements for ICT Systems	15	4
Principles of Information Governance and Assurance	15	4
Testing IT and Telecoms Systems	15	3
Testing the Security of Information Systems	15	4
Advanced Data Representation and Manipulation for IT	7	3

**Please contact us for more information:**

ALS Training, Ocean Park House, East Tyndall St, Cardiff, CF24 5ET

Telephone: 02922 677020

Visit our website [www.alstraining.org.uk](http://www.alstraining.org.uk) for a comprehensive list of our training services.