Data Analyst Apprenticeship Level 4

Developing valuable digital skills to leverage data for business benefit

About this programme

The purpose of the programme is to learn how data can be used to identify opportunities, answer questions and solve problems. Data analysis is a process of requirement-gathering, inspecting, cleansing, transforming and modelling data with the goal of discovering useful insights, supporting decision-making and informing conclusions.

Data analysis has multiple facets and approaches, encompassing diverse techniques under a variety of names. Data analysis plays a crucial role in making decisions more evidence-based and helping organisations operate more effectively.

The Data Analyst will be responsible for working within the data architecture of the company and ensuring that the data is handled in a compliant, safe and appropriately secure manner, understanding and adhering to company data policy and legislation.

Who is this programme for?

This programme is designed for new and existing employees who wish to progress and develop their skills in a growing industry. These are transferable skills and have application in most facets of modern industry including Sales, Finance, Engineering, HR or IT to name a few.

Location and duration

This training programme follows a blended approach which includes webinars, digital delivery, face to face and site visits. This programme can take up to 24 months to compete.

Qualifications included

On successful completion of this programme individuals will receive the following;

- Data Analyst Apprenticeship at Level 4

- Level 2 Functional Skills, English *(If required)*

- Level 2 Functional Skills, Maths *(If required)*

Course Content

This Apprenticeship offers a balance of technical training and on the job activities to match needs and requirements of the apprentice's employer. The knowledge and assessment units include;

- Data structures

- Data preparation — Extract, Transform, Load

- Datamining, forecasting & modelling

- Dashboards and Infographics

- Policy & Legislation including GDPR

- Analysis—statistics, trends and patterns

- Reporting and interactivity

- Continuing professional development

A wide range of analytic tools and are used including Microsoft Power Platform, Python, and Azure. Access to all required software is provided.

Delivery

Throughout the Apprenticeship learners will be required to attend a series of classroom and/or online sessions covering the technical theory and industry best practice. Learners will also be required to complete functional skills elements of the course if required. Work based activities are included to maximise the impact of the learning and relevance to the workplace.

All sessions are planned in advance to enable accommodation of learner and employer requirements.

End Point Assessment (EPA)

After completing the learning delivery phase of the programme there is a gateway review to ensure the learner is ready for End Point Assessment.

The End Point Assessment is the opportunity to demonstrate the knowledge skills and behaviour gained throughout the programme. The assessment comprises a test and professional discussion based on a portfolio of evidence generated throughout the programme.

For further information please contact Group Horizon

Email: info@grouphorizon.co.uk

Telephone: 0800 002 9805 or 0191 497 7722