INTEQUAL

Data Technician

Level 3

Delivered by Intequal, part of the Lifetime Training Group

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Who is Intequal?

Intequal is a specialist technical training provider enabling careers for the next generation of digital and IT talent, equipping learners of all ages with the skills to reach their potential in a highly attractive and growing sector of employment.

As part of the Lifetime Training Group and a Microsoft Silver Learning Partner, Intequal use robust technologies, industry-leading content and flexible delivery models to kickstart and develop careers in digital and IT

Microsoft Learning Partner

Ofsted Good Provider

98.5% success rate

82% retention rate

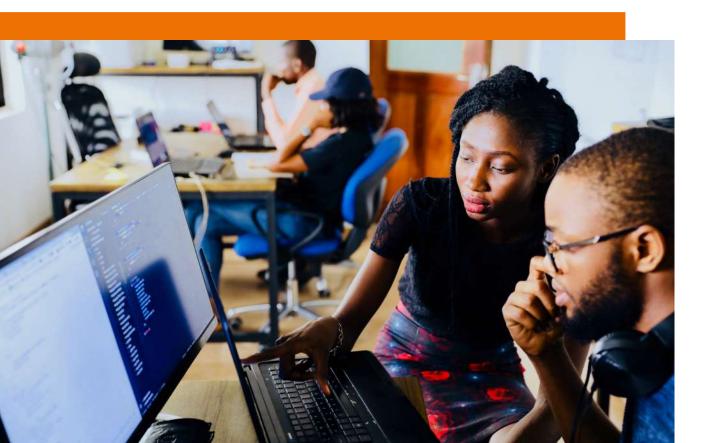# The Data Technician Level 3 apprenticeship

Programme overview

By empowering people with the tools they need to unlock the power of data, Intequal's programme bridges the digital skills gap. Your business can confidently shape a robust path through their digital transformation – and lead the way with a data-driven, digitally enabled workforce.

With the Data Technician Level 3 Apprenticeship, delegates will be able to handle data effectively, solve data problems and present insight and innovation to help make essential data driven decisions, for improved performance and brighter future

The Data Technician Level 3 apprenticeship is suitable for:

Those working in a role where they need to effectively gather, validate and analyse data to help businesses make significant decisions.

This could include those currently work as an Account Managers, Contact Centre, IT & Data, Marketing, Commerce.

Typical job roles for the Data Technician apprenticeship:

- Data support analyst
- Data technician
- Junior data analyst
- Junior information analyst

The Data Technician apprenticeship will support apprentices to:

- Translate data into information, ensuring it is handled according to current regulation and follows data governance best practice.
- Select data tools to create an infrastructure for data storage and processing.
- Become proficient in global industry tool of Excel, to work with raw data through to insight.
- Design data models for data storage.
- Collate information to then data categorise and define data.
- Diagnose and improve data to ensure accuracy and consistency.
- Reshape and transform data in preparation for analysis.
- Apply descriptive statistics and building models to simulate events.
- Communicate effectively using charts, reports and dashboards to all stakeholders.

Programme length:

18 months (15 months learning + 3 months End-point Assessment)

Technical training modules

Intro to Data Analytics

Asking the right questions and translating them from a business need to a data methodology,

Big Data Tools

Asking the right questions and translating them from a business need to a data methodology,

Data Management

Ensuring data is handled according to current regulation and follows data governance best practices.

Excel

Using the ubiquitous industry tool to perform end to end data analysis, from raw data through to insight

Data Design

Structuring and designing data models for efficient data storage

Data Collection

Understanding where and how to collect data following a methodical approach to data categorisation

Data Cleaning

Asking the right questions and translating them from a business need to a data methodology,

Data Preparation

Reshaping and transforming data in preparation for analysis including feature engineering

Data Analysis

Applying descriptive statistics and building models to simulate events

Data Visualisation

Choosing different types of charts that best communicate insight. Composing dashboards and reports

Data Communication

Translating technical results into business recommendations along with the required documentation

Stakeholders

Working with stakeholders through the elicitation process to gather customer requirements

Training delivery and support

Intequal's apprenticeships are delivered by expert Technical Trainers through a blend of 1-1 and group interactive online learning sessions, with a learner-led approach to flex the training style based on individual needs – providing consistent and inclusive work-based training for businesses and their employees.

Additional support is available from a safeguarding team and a dedicated Pathway Planner, who works together with the Trainer to:

Establish learning needs with both the learner and the business

Conduct regular reviews of progress with the learner and their employer

Support the learner in accessing appropriate training from a range of offerings

Support the learner in the development of their portfolio of evidence and preparation for End-point assessment

Support learners and employers with logistical concerns

Programme elements

Regular online learning workshops

Core technical training modules delivered by a qualified Technical Trainer, with learning materials accessible through our digital learning management system, Aptem.

Regular progress reviews

Dedicated time to reflect and review on skills, knowledge and behaviours, as well as progress of portfolio development.

Group portfolio workshops

To support learners in creating their apprenticeship portfolio evidence and preparation for End-point Assessment through peer discussions and feedback.

Underpinned by success skills workshops

Personal and professional development sessions in areas including functional skills, communication, critical thinking, wellbeing and employability skills

Apprenticeship Plus

The apprenticeship can be enriched by choosing from a range of industry certifications. We provide self-learning materials through our web and app-based learning platform, backed by technical training workshops and one-to-one sessions so that learners can progress at their own pace*.

Apprenticeship Plus options for Data Technician include:

Microsoft

PL-300 Microsoft Power BI Data Analyst

DP-900 Microsoft Azure Data Fundamentals

End-point assessment activities

Scenario Demonstration with Questioning	Professional Discussion underpinned by Portfolio
Two scenario demonstrations in which they will demonstrate the KSBs assigned to this assessment method. This will be supplemented by questioning by the independent assessor to establish the delegate's understanding of underpinning reasoning. Total assessment time: 90 minutes.	The professional discussion is structured to draw out the best of the delegate's competence and excellence and cover the each KSB. The portfolio supports the professional discussion and will not be assessed or graded during the end-point assessment. Total assessment time: 60 minutes

* Under ESFA funding rules the cost of the Apprenticeship Plus industry certification examination must be paid for by the apprentice or the business.

INTEQUAL

Whether you're looking to become an apprentice, hire one for your business or upskill existing team members, Intequal's experts take away any complexities through efficient service and agile solutions.

Let's talk about your apprenticeship needs:

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