



DATA ANALYTICS LEVEL 8

TECHNICAL APPRENTICESHIP SVQ at SCQF level 8

Our Data Analytics Technical Apprenticeship programme is delivered using a blended learning approach, which combines a mix of classroom training with online resources, coupled with work-based assessment.

The digital content of the programme will be available 24/7. All of our resources are currently delivered in a virtual format, including our classroom training.

This apprenticeship is aimed at Data Entry Analysts, and Data Management Analysts looking to develop their skills and achieve a formal qualification or looking for a career change into Data Management and Analysis.

WHAT CAN THE APPRENTICESHIPS COVER?

Business Intelligence
Data Warehouse
ETL (Extract, Transform and Load)
Data Analysis
Data Modelling
Data Mining
Data(base) Management

WHAT DOES THE APPRENTICESHIP ACHIEVE?

SQA DIPLOMA IN DATA ANALYTICS AT SCQF8

TWO CAREER SKILLS AT SCQF L7 IN CUSTOMER SERVICE AND OR PROFESSIONAL DEVELOPMENT

ONE ENHANCEMENT UNIT:

STATISTICS FOR BUSINESS SCQF L8

PLUS OPTIONAL TRAINING IN:

Plus, for the duration of your apprenticeship, access to our training library where you can enjoy many additional IT and Tech modules relevant to your role or interests.

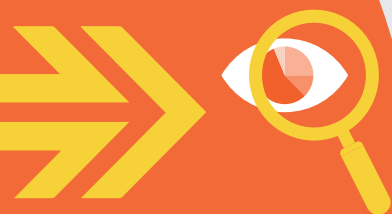
PROGRAMME STRUCTURE:

Technical Apprenticeship

12 – 18 months duration.

All of the apprentice's training is completed in the classroom and workplace, currently 100% virtual delivery, including access to online resources, including our e-learning platform. We provide learners access to their self paced and tutor led blended programmes.

Assessor contact every 5 weeks, to support work-based learning, self paced online content and assignments.



YOUR PROGRAMME CHOOSE YOUR PATHWAY

MANDATORY UNITS



TYPICAL PATHWAY

THIS IS A SUGGESTED LIST OF UNITS THAT CAN BE COMPLETED IN THE WORKPLACE AND CLASSROOM TRAINING. A LEARNER MUST SELECT A VALID ROUTE WITH THEIR ASSESSORS SUPPORT.

ROUTE ONE IS SHOWN BELOW, ALTHOUGH THERE ARE EIGHT AVAILABLE ROUTES TO CHOOSE FROM IN TOTAL.

PERSONAL
EFFECTIVENESS 3

PRINCIPLES OF
DATA MANAGEMENT
INFRASTRUCTURE

DATA ANALYSIS TOOLS

DATA ANALYSIS: DATA
SCIENCE

HEALTH AND SAFETY IN
IT AND TELECOMS

ROUTE 1 – MANDATORY UNITS:

EVENT DRIVEN COMPUTER
PROGRAMMING 3

OBJECT ORIENTED COMPUTER
PROGRAMMING 3

PROCEDURAL PROGRAMMING 3

INVESTIGATING AND DEFINING
CUSTOMER REQUIREMENTS FOR
IT AND TELECOMS SYSTEMS 3

TESTING THE SECURITY OF
INFORMATION SYSTEMS 2

TESTING IT AND TELECOMS
SYSTEMS 3

ROUTE 1 - OPTIONAL UNITS:

DATA MANAGEMENT
INFRASTRUCTURE

DATA REPRESENTATION AND
MANIPULATION FOR IT AND TELECOMS 2



LEADING TO:

DIPLOMA IN DATA
ANALYTICS AT SCQF
LEVEL 8

ADDITIONAL TWO
CAREER SKILLS

AN ENHANCEMENT
INDUSTRY SPECIFIC UNIT



WHAT'S NEXT?

Suggested
additional QA
Training course in:

PROJECT
MANAGEMENT

TECHNICAL
APPRENTICESHIP

**TO START
DEVELOPING TEAM
YOUR BUSINESS NEEDS,
GET IN TOUCH TODAY!**

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III
Skills
Development
Scotland

MODERN
APPRENTICESHIPS

OUTCOME MAP

Data Analytics L8 – Eight Outcomes on 10:2 Learning / Quality & Compliance Ratio

- Induction (Sign up)
- Week one readiness
- Post Induction Visit (ILP/Course planning)
- Personal Effectiveness
- Define Customer Requirements

MONTH 1

- Remote support visit
- Continue with workplace units

MONTH 2

- Review visit
- 5 day Data Analytics knowledge
- Principles of Data Management Infrastructure
- Data Management Infrastructure

**MONTH 3
MILESTONE 1, 2, 3**

- Remote Support visit
- Personal Effectiveness

**MONTH 4
MILESTONE 4**

- Remote support visit
- Career Skills

MONTH 8

- Review visit
- Investigate and Define Customer Requirements

**MONTH 7
MILESTONE 8**

- Remote support visit
- Event driven programming
- Procedural Programming
- Principles of Information Governance
- Assurance and testing the Security of Information Systems

**MONTH 6
MILESTONE 7**

- Review visit
- 5 day CompTIA Net+ week 2 course
- Principles of Information Security testing

**MONTH 5
MILESTONE 5, 6**



OPTIONAL MONTH 6

5 days Python course
5 days CompTIA Security +



- Review visit
- Statistics for Business Enhancement
- Career Skills

MONTH 9



Quality Assurance Checks

MONTH 10



Achievement and certification

MONTH 11

**Present Certificate
New programme
(progression) induction**

MONTH 12