

## Qualification Factsheet

### Qualification overview

<b>Qualification title</b>	NCFE Level 5 Diploma: Data Engineer		
<b>Qualification number (QN)</b>	610/5972/9		
<b>Total qualification time (TQT)</b>	1200	<b>Guided learning hours (GLH)</b>	540
<b>Entry requirements</b>	There are no specific prior skills/knowledge a learner must have for this qualification. However, learners may find it helpful if they have already achieved a level 4 qualification. Learners must be at least 18 years old.		

### About this qualification

This qualification is designed to give learners the knowledge, and associated skills and behaviours required, to work in a variety of roles relating to data engineering. It will also prepare learners to progress to further study in this area.

This qualification is designed for learners who want to upskill or retrain within the digital sector. It is also suitable for learners who want to further their studies in the digital sector. This higher technical qualification (HTQ) will give learners the skills, knowledge and behaviours to meet specific employer needs and industry requirements.

### Qualification structure

To be awarded this qualification, learners are required to successfully achieve 120 credits overall, which is a minimum of a pass in each of the 6 graded mandatory units.

### Mandatory units

Unit 01 Data engineering principles and foundations (K/651/6932)
Unit 02 Data architecture and management (L/651/6933)
Unit 03 Data pipelines and automation (M/651/6934)
Unit 04 Software development for data products (R/651/6935)
Unit 05 Data analytics, business intelligence and incident management (T/651/6936)
Unit 06 Professional practice and continuous improvement in data engineering (Y/651/6937)

### Assessment

This qualification is internally assessed and externally quality assured via a portfolio of evidence, including task-based assessments.

## **Progression opportunities**

Learners who achieve this qualification could progress to the following:

- employment:
  - data engineer
  - machine learning engineer
  - data architect
  - ETL developer
- further education:
  - related apprenticeships
- higher education:
  - data science degree.



## Contact us

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