

Job Profile

JOB TITLE:	Data Engineer
GRADE:	Apprentice
REPORTING TO:	BI Data Warehouse Manager

What this role's all about ...

As an Apprentice Data Engineer, you will support the design, development, and maintenance of data systems that enable the organisation to make informed decisions regarding housing services and operations.

Working within an on site Microsoft SQL Server environment, you will help manage data pipelines, integrate systems using API's, and ensure data is accurate, accessible, and secure. You will gain hands on experience with tools such as SSMS, SSIS, and Mulesoft, while also contributing toward the organisation's transition toward modern cloud technologies such as Microsoft Fabric.

Here's what you can expect ...

In this role you will:

- Assist in building and maintaining ETL (Extract, Transform, Load) processes using SSIS to move and transform data across systems
- work with SQL server (via SSMS) to query, clean, and manage large datasets
- support API integrations using Mulesoft to connect internal and external systems
- monitor data quality, troubleshoot issues, and ensure data reliability for reporting and analytics
- collaborate with analysts and business teams to understand data requirements and deliver solutions
- gain exposure to emerging technologies, including Microsoft Fabric, as the organisation evolves its data platform.

What you'll learn ...

As a Level 5 Data Engineer Apprentice, you will complete the apprenticeship standard by building a portfolio of evidence that demonstrates the required knowledge, skills and behaviours. You will also complete an end point assessment, including a project, presentation, and professional discussion.

During the programme, you will:

- Design and maintain data pipelines to collect, transform and store data
- use tools and programming languages (e.g. SQL, Python, cloud platforms) to manage datasets
- ensure data quality, security, and compliance with governance standards
- support data reporting and analysis by making data reliable and accessible
- work with stakeholders to understand requirements and communicate technical information clearly
- Contribute to ongoing improvements in data systems and processes.

What you'll need to get the job done ...

In order to apply for this role we need you to bring the following skills and qualifications:

Skills	Qualifications
<ul style="list-style-type: none"> • Enthusiastic and eager to learn • Confident in delivering an excellent customer service • Organised and pay attention to detail • Confident in communicating clearly both spoken and written • Ability to work as part of a team and independently • Happy to ask questions and take feedback • Understands the importance of confidentiality • Likes helping people solve problems 	<ul style="list-style-type: none"> • Level 2, Grade C/4 and above in Maths and English. • Level 3 in a similar subject for example a Digital Apprenticeship, A Level/BTEC Computer Science, Information Technology, Networking, Software Engineering etc.

It'll be great if you also bring ...

- An interest in a career in data engineering
- experience in a customer service or administrative role (can be voluntary or part-time).