
Role Profile - Graduate Trainee

Job Title: Graduate Trainee – Data Engineer

Service: Strategy & Innovation, Performance & Insight Unit (PIU), Data Integration

Reporting to: Performance & Insight Manager – Data Integration

About the Service

The Performance & Insight Unit delivers performance management, business intelligence, data analysis, and insight services that support evidence-based decision making, service improvement, and organisational priorities. The team champions innovation, continuously exploring new technologies, analytical approaches, and automation opportunities to improve efficiency, enhance data quality, reduce manual processes, and provide accessible, actionable insight that supports future-focused decision making and organisational transformation.

Supporting the organisation's Progress with Unity ambitions, the unit is evolving its approach to insight by placing greater emphasis on understanding people and neighbourhoods. Through the integration of data, local intelligence, and evidence, the team helps services better understand needs, inequalities, demand, and community strengths, enabling more targeted and effective decision making.

Specific responsibilities:

General responsibilities are outlined in the Graduate Trainee job specification. Specific responsibilities that apply in this service area include:

- Completion of the Level 5 Data Engineer Apprenticeship, including Microsoft Fabric certification
- You will learn by doing - working with real data, real systems, and real services that directly improve outcomes for residents.

- You'll gain the technical foundations of a data engineer while being supported by experienced analysts, engineers, and mentors. This apprenticeship is designed to grow your skills step-by-step, giving you confidence with tools, techniques, and best practice.
- This role will include structured learning in data analysis, programming (SQL, Python, R), and data integration techniques. You will gain hands-on experience in a supportive environment, contributing to projects that make a real difference in local services. You will also complete a nationally recognised qualification in line with other Local Authorities.

In this job you will need:

You will need to demonstrate the following essential requirements:

You must be able to demonstrate the following essential requirements:

- A degree (or equivalent) – For example, mathematical, statistical, or analytical discipline.
- Demonstrated interest in data, analytics, or programming - especially SQL, Python, or R and a strong interest in cloud-based technologies.
- Strong analytical thinking and problem-solving skills.
- Curiosity, willingness to learn, and a commitment to developing professionally.
- Ability to work well with others and contribute to a collaborative team.
- Good communication skills and strong attention to detail.
- The ability to work accurately and follow instructions.
- The ability to plan work and manage your own time.
- The ability to work under pressure and meet deadlines.
- Operate in line with Wigan Council policies and procedures.
- Have a flexible approach including the ability to work in the office and remotely from home or another office base, depending on the needs of the team/service.
- Experience with data analysis or BI tools, such as Power BI and Power Automate.

- Understanding of data integration concepts, data models, or data quality principles.

Our Culture

For us, it's not just about all we achieve as an organisation, but how we do it. Therefore, all employees are expected to display our **TeamWigan** behaviours.

Be Positive	“ Take pride in all that you do and support and develop yourself and others. ”
Be Accountable	“ Be responsible for making things better, enabling change and supporting improvement. ”
Be Courageous	“ Be open to doing things differently and working collaboratively with others. ”
Be Kind	“ Be helpful, generous and thoughtful towards yourself and others. ”