



Data Engineer

Reports to: TBC

The part I play at Bromford Flagship LiveWest to enable people to thrive is:

To be responsible for developing, configuring and maintaining the Data Warehouse. This includes designing and optimising data models to ensure information is structured, accessible, and reliable; implementing ETL/ELT processes that transform raw data into meaningful insights for business users; and maintaining performance and scalability so that the warehouse can grow alongside organisational needs.

I am responsible for the creation and maintenance of integrations between systems to ensure data is moved consistently, with integrations documented and mappings approved by relevant stakeholders. I also establish monitoring and alerting mechanisms so that issues or errors can be investigated and resolved quickly. I play a key role in safeguarding data quality and integrity across all connected systems.

I enable data-driven decision making, providing clean, trusted datasets that empower data analysis, data science and the business. I collaborate with stakeholders to understand their needs and deliver solutions that unlock value; and I champion best practices in data governance and security to protect sensitive information and build trust.

I am also responsible for creating/maintaining medallion architecture and adhering to CI/CD practices, ensuring code adheres to best practice standards and is effectively managed through source control. I adhere to branching strategies that support collaboration and safe deployment of changes, and I monitor deployments to detect issues early and roll back safely when needed. I actively support AI and advanced analytics initiatives by ensuring data pipelines, models, and platforms are designed to be reusable, well-governed, and suitable for machine learning and generative AI use cases. I adopt an automation-first mindset, seeking opportunities to reduce manual effort through automated data pipelines, testing, monitoring, and infrastructure, improving reliability, scalability, and speed of delivery across the data estate.

My skills and experience include:

I understand the complex flow of data throughout a multi-dimensional organisation and the mechanics of data warehousing.

I have experience using modern tools for Extraction, Transformation and Loading of Data,

I have experience of Data Integration, using a variety of methods (including API), to move data from one system to another.

I understand Parquet data, delta tables and delta lakes and have experience using them in a modern Data Warehouse.

I can undertake exploratory data analysis using a variety of tools from Excel to more specialist programming languages.

I have experience of source control and CI/CD processes, DevOps and Git.

The skills I will develop include:

Ongoing personal and professional development, including focused development on data extraction and transformation; data warehousing and applying continuous improvement methodology.

I will learn to work and deliver IT solutions in an Agile environment.

I will keep up to date with new tools, frameworks and services.

I will investigate improvements that enhance the data warehousing solution and unlock new capabilities.

I will develop skills in supporting AI and advanced analytics use cases, including preparing high-quality, well-governed data for machine learning and generative AI, and leveraging automation and emerging AI-enabled tools to improve data engineering efficiency and reliability.

I will learn about the wider business and the processes used to better enable me to create data structures that enable the business to scale.