	ROLE PROFILE
COVENTRY Building Society	Senior DataOps Engineer

Reports to:	Senior Data Capability Manager (Data Engineering)			
Grade:	Senior Professional / Technical	**Job Family:**		IT Engineering
Leadership Responsibility:	Direct Reports: 0	Indirect Reports: 3	**Regulatory Information:**	Not Applicable
Location:	Coventry Area	Working hours:	Mon – Fri, 35 hours per week	

ABOUT THE ROLE

Why should you come and work for a Data & Analytics Delivery department within a Building Society?

Well, we're evolving and growing. And that brings changes to everything we do. We're taking a good look at what we do and how we can do it faster. More efficient.

We build things here. We make things better. We don't accept the status quo. It's the way work should be, and perhaps a little bit of whatever you want.

Where do you come in?

We want you to help us make our evolution a success. Bring your experience. Bring your passion. Bring your drive. We want it all.

What you'll be doing:

- As part of our data engineering capability a Senior DataOps Engineer will be responsible for inspiring and assisting Data Engineering team in designing, developing, and testing quality data engineering solutions, delivered through domain orientated multi-disciplined data product teams.
- This role will act as a Continuous Integration/Continues Delivery (CI/CD) expert for the Data Office, helping Data Engineering teams automate as much of their work as possible, to reduce waste and improve quality.
- Continually challenging and improving our processes, tools, and methodologies.
- Coaching, developing, and mentoring other members of the team.
- Undertaking review and assurance activity, providing other team members with guidance on design, build and test activity.
- Defining outcomes and quality of work for 3rd parties and overseeing and supporting their deliveries.
- Supporting our solutions, occasionally out of hours.

ABOUT YOU

What we'd like to see strong multi project experience in several the following or similar in a Data Engineering:

- Strong experience in developing and automating scalable data pipelines in a Finance related data context with a DataOps/DevOps mindset and evolved your expertise toward operational excellence and automation in data environments.
  In addition to a solid foundation in data engineering, you also demonstrate expertise in automation, CI/CD pipelines, IaC, monitoring systems to ensure scalable, reliable data workflows. You bring experience with the following tools:
    o AWS data tooling such as S3/Glue/Redshift/SageMaker (Or relevant experience in another cloud technology).
    o Familiarity with containerization (e.g., Docker/ec2), Orchestration in enterpirse environment, Infrastructure automation (Terraform), and CI/CD platform (Github Actions & Admin), Password/Secret management (hashicorp vault).
    o Strong Data related programming skills SQL/Python/Spark/Scala.
- Database technologies in relation to Data Warehousing /Data Lake/ Lake housing patterns and relevant experience when handling structured and non-structured data
- (Information Modeler) Experience in data modelling techniques and tooling.
- (Test) Quality Assurance and Test Automation experience in a Data Pipeline.

- (Machine Learning) Experience of industrialising and scaling machine learning models.
- (Machine Learning) Experience using machine learning frameworks such as TensorFlow / PyTorch

What would be nice to have:

- Experience of working in an Agile Team; preferably Safe.
- **Experience in specific tooling Qlik Replicate / Qlik Compose / DataBricks / Informatica / SAS**
- An understanding of data modelling methodology (Kimball, Data Vault, Lakehouse)
- Understanding of Data Science, AI and Machine Learning ways of working
- Experience of testing and testing standards.

You should be experienced in leading and coaching individuals and in providing ongoing c oversight over the development of data products through an agile methodology.

REQUIREMENTS:

You will have either a Data Engineering or DevOps related qualification and/or extensive Data/DataOps/DevOps Development experience in a commercial & Agile environment. As well as proven technical leadership skills.

YOUR KEY RESPONSIBILITIES. (Additional detailed performance objectives will be set by your manager)	
General Profile	You will adhere to standard driven code development under general direction to deliver solutions that meet business needs in a timely manner.
	You will take responsibility for the testing of your solution, including the analysis of requirements, design of test cases & scripts, preparing test data, creating and executing tests to ensure effective and accurate deliverables.
	You will provide out of hours support where required.
People & Relationships	Coaching and mentoring of other team members to support their career development.
	Working effectively with Third Party colleagues – having oversight of their deliverables.
	Communicates effectively at all levels when working with/presenting to technical and non-technical audiences.
Governance, Risk & Controls	You will take all the necessary steps to ensure the quality and security of the solution and look to identify and implement improvements to existing processes.
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	You will review and challenge the development and test standards, to Identify and effectively manage potential risks, issues and defects - escalating issues where appropriate.
	You will ensure all new deliveries by the team demonstrate adherence to best practice, approved design patterns and design principles.
Impact, Scale & Influence	Plans and monitors own work, work assigned to others (including Third Party resource) or phases of projects.
	Influences technical decisions at a departmental level.
Decision Making / Problem Solving	Further develops knowledge of key business areas to understand their requirements for existing and future solutions. Appreciates wider business context in relation to personal development
	Keeps up to date in own specialist area: Identifying new areas of self-development and/or exploring new technologies that could be beneficial to the Society.
WD Job Code	

Comparable Roles	Nothing comparable within the Society. External role title could be:
	Senior DataOps Engineer
	Senior ETL Developer
	Senior Data Engineer
	Senior Business Intelligence Engineer
	Senior Development Engineer
	Senior Data Developer
	Machine Learning Engineer