

Role Purpose (include key dimensions and context):

The SRA are recruiting for a Data Engineer to build, maintain, load and operate existing and new data models to support the strategic regulatory and operational needs of the organisation. Reporting to the Data Architect, the Data Engineer will be equally comfortable discussing designs and solutions with the Data Architect; maintaining data models; bulk loading and manipulating data within them; and working closely with the Business Improvement and Business Intelligence (BI) teams who generate reports from some of these models.

Responsibilities. The Data Engineer will:

- Work with the Data Architect to implement and maintain project and business as usual (BAU) data models, and to bulk manipulate (ELT) the data, that the SRA need in order to regulate and operate accurately and efficiently.
- Maintain and operate these for a number of SRA systems, including the mySRA web application (used by our customers), Microsoft Dynamics 365 CRM (internal), Solicitors Register (public web site), and other internal data models, including the SRA's Microsoft Azure based CDM (Common Data Model) and SDM (Semantic Data Model).
- Understand and implement the ICT data strategy - the flow of data from ingress into SRA through use / retention / deletion to egress, across all ICT systems, including those above, and additionally integration with Microsoft 365 Dynamics Finance (internal) and other systems.
- Work closely with the Data Architect, Enterprise Architect, ICT team members, third parties and SRA data asset owners to implement and maintain the SRA's regulatory and operational data models according to the ICT data strategy.
- Ensure that the solutions down to field level are documented and implemented accurately and professionally.
- Ensure the security, integrity, durability and performance of the data, testing thoroughly.
- Ensure that transactions are logged and audited to the necessary levels.
- Bulk import, export, manipulate (ELT) data across the above systems, testing thoroughly.
- Modify and extend the existing CDM and SDM layers to ensure they meet the reporting needs of the SRA.
- Review "tactical" DAX measures created in Power BI by BI Team and refactor into the SDM.

Knowledge, Skills & Experience:

Essential

- Proven ability and experience to implement, maintain and securely operate (e.g. 24/7, 99.999% availability) large scale data models.
- Enthusiasm to work across multiple teams and projects to rapidly, yet accurately, manipulate (ETL) data to help the business achieve its business goals.
- Developing data platforms and managing large datasets (projects and operationally).
- Excellent team working.
- Excellent and growing understanding of data modelling, data manipulation and data warehouses.
- Track record of working collaboratively to implement technical solutions.
- Excellent analytical, problem solving and writing skills.
- Experience with many of: Microsoft Azure, Azure SQL, Transact SQL, Azure Data Factory, Azure Synapse Analytics (Formerly SQL DW), Azure Power Platform, Azure Dev Ops, Azure Cosmos DB, Microsoft Power BI, Microsoft Visual Studio, Microsoft Dynamics 365 CRM (CE), Microsoft Dynamics 365 Data Export Service, Microsoft Dynamics 365 Finance, KingswaySoft, Microsoft Excel, Microsoft Visio.
- Relevant degree level qualification and/or equivalent work experience.

Desirable

- Knowledge / experience of the legal industry and / or regulatory organisations.
- Knowledge of relevant data legislation including Freedom of Information and the Data Protection Act.
- Knowledge of records management / data retention and destruction.
- Good understanding and track record of using Agile methodologies.