

## Job Description

<b>JOB TITLE:</b>	Data Architect
<b>DEPARTMENT:</b>	Information Technology
<b>JOB HOLDER:</b>	
<b>REPORTS TO:</b>	Data and Reporting Architect

<b>Purpose of the Job:</b>
<p>The primary purpose of the role is to own the data strategy design and implementation and ensure current change delivery adheres to that. This is a key technical, analytical and design role working within IT and Data delivery team.</p>
<b>Principal Accountabilities:</b>
<ul style="list-style-type: none"> <li>• Own the design of the Data Library architecture, including data lake, data warehouse, data mart structures, tools, technologies and best practice.</li> <li>• Lead on and main Responsibility for ensuring the Data Library can be used as a corporate resource, including user access, storage and operational considerations and capacity requirements.</li> <li>• Responsibility for translating business requirements into designs for Data Library (including data lake, data warehouse and data marts)</li> <li>• Ensure developers fulfil the functional and non functional requirements.</li> <li>• Own the application of various tools, techniques and technologies to satisfy business requirements.</li> <li>• Lead on providing different architectural options advising on pros and cons of differing approaches.</li> <li>• Provide expertise to MI team and wider organisation on the architectural and technical components of the Data Library.</li> <li>• Provide assistance for the storage and management of metadata, including data model definitions, end-user reporting tool metadata, ETL tool metadata, and source system definitions.</li> <li>• Maintaining close contact with key change initiatives business users to understand and advise on their needs.</li> <li>• Provide expertise to enable model changes to be made in a business-meaningful manner.</li> <li>• Provide input into resource planning for work requests.</li> <li>• Carry out analysis on business related issues impacting systems.</li> <li>• Hands-on operations and support role with dependency on business analysis.</li> </ul>
<b>Decision Making Responsibilities:</b>
<ul style="list-style-type: none"> <li>• Determine &amp; document precise specifications to allow development resources to produce the appropriate reports minimising rework.</li> <li>• Lead on and own recommending appropriate architecture for projects comprising the data warehouse release programme.</li> </ul>
<b>Regulatory Conduct Rules</b>
<ol style="list-style-type: none"> <li>1. Act with integrity.</li> <li>2. Act with due skill, care and diligence.</li> <li>3. Be open and co-operative with Lloyd's, the FCA, the PRA, and other regulators.</li> <li>4. Pay due regard to the interests of customers and treat them fairly.</li> <li>5. Observe proper standards of market conduct.</li> </ol>

**Education, Qualifications, Knowledge, Skills and Experience**

- Leader with substantial experience in Data and Analytics.
- Extensive Data modelling and data warehousing experience
- Strong data modelling skills including complex relationships and historical recording techniques
- Strong technical skills and awareness of current state of the art of business intelligence tools and technologies.
- Extensive experience in developing integrations of Azure data platform to various types of external systems and can recommend approach and technology covering Data Warehousing, Data Lakes, Azure and Management Information.
- Experience in insurance, preferably London Market, UK Commercial and Reinsurance.
- A flair for problem solving in a dynamic environment.
- Experience of MI systems, applications and architectures.
- Requires database development experience.
- Technical design/development MI experience of
  - SQL Server, Azure Data Factory, Spark/DataBricks

As a term of your employment you may be required to undertake such other duties as may reasonably be required of you in the post and department mentioned above.

Signed .....

Dated .....

Name .....