

# Senior Data Engineer



## Purpose

Undertake the development, enhancement and support of the Bank's data platform to deliver the high levels of data quality and integrity required by the Bank to deliver on its commitments and obligations to maintain data accuracy and security. Working within the Data Engineering team, you will be responsible for the data that flows from operational systems to the data platform(s) and then feeds the analytics and reporting systems that deliver compliance and management reporting. The role is multidisciplinary with elements of software development, system/data model design and DevOps.

## Role dimensions

**Reports to:** Engineering Manager

**Department:** Technology Services

**Direct Reports:** No

**Financial Authority:** N/A

## Person specifications

- 8+ years' experience of relevant software development, such as Python
- Advanced SQL knowledge, experience in database technologies
- Experience in cloud platforms, preferably Microsoft Azure
- Experience with ETL or other data flow management tools
- Experience in DevOps beneficial

## Role specific areas of responsibility

- Undertake the design, and lead the implementation, of complex data solutions that provide additional data for analytical / reporting purposes and improve data quality and security to enable informed decision-making and the delivery of high quality, accurate services. This includes the building of ETL pipelines, operational data stores, data warehouse and data marts
- Support and guide data modelling activities (conceptual, logical and physical) to enable consistent definition and use of data
- Support Platform & Technology Leads to establish, apply and enhance the Data Engineering best practice to improve the quality and consistency of data deliverables. This includes data access controls, coding practices, deployment methods and the use of automated testing
- Proactively monitor, maintain and support the wider data platforms to maximize system and data availability for users. This includes ETL pipelines, data environments and data loads for analytic and reporting systems
- Support delivery leads engagement of customers and stakeholders, including the Analytics team, to better align data services with their current and future requirements
- Collaborate with peers in the wider Technology Services team to deliver improved services to the Bank. This includes responding to incidents, resolving technical issues and participating in technical planning activities.
- Provide rostered 24 x 7 on-call support for incidents within the Data Platform scope of responsibilities.

From time to time there may be additional activity not contained within this position description that the appointee is to complete in the interests of the appointment and their own personal development.

This position description provides a broad overview of responsibilities. The position description is a living document, and the Bank reserves the right to amend from time to time as required.