

Job Description



Job Title: Data Engineer	Division: Authentication
Reporting to: Data Manager	Function: IT Operations
Location: Gateshead	Job Grade: E10
Travel (Frequent/Some/None): None	

1. ROLE PURPOSE AND SUMMARY

As a Data Engineer you will be a part of the MI and Data team responsible for the data platforms in use within De La Rue.

- You will work as part of a wider Infrastructure and Data team providing the foundations for MI and Data solutions to help support internal and external customers' decision making
- You will work with the Infrastructure and Data Teams, to define data solutions which support the business and external customers reporting requirements
- You will provide data engineering expertise for data teams and software developers providing guidance on best practice
- You will build relationships with key stakeholders
- Identify areas where standards can be developed and processes improved, and work with your team to implement those improvements

2. DIMENSIONS AND REPORTING LINES (number of reports and financial values)

- This position does not have any direct reports.
- This position will work within the MI and Data Team reporting to the Data Manager

3. KEY ACCOUNTABILITIES

Individual

- Provide technical expertise as required to the Data team and input to technical projects
- Provide a common thread for Data delivery activities from inception, through delivery, into operational running
- Troubleshoot performance issues
- Lead analysis and resolution of data issues
- Able to work under pressure, focus on resolving issues, and deliver to deadlines
- Work within an ITIL framework to manage incidents, problems and system changes
- Support the development of the MI and Data team, the creation of a data platform and MI reporting capabilities

Company Wide

- Support the BI and Data team executing the strategy for the business for both internal and external customers
- Provide subject matter expertise to internal and external customers
- Support and follow the governance and operational disciplines applicable across the company

Common to all roles

- To ensure full participation in the performance development review (PDR) process and maintain an up to date record of all training and development activities/programs.
- To always act and behave in a way compliant with all De La Rue company guidelines and policies, especially those relating to values and behaviours, environmental health and safety, ethics and codes of conduct, as it is through living our values that we strengthen the culture of our business and demonstrate our understanding of our Code of Business Principles. Further information on our company values can be found in our "Living the Values" guidelines.

4. CAPABILITY (qualifications, experience and skills)Qualifications

- Educated to degree level or equivalent work experience.

Experience / Skills / Behaviours

- Demonstrable experience of SQL coding of stored procedures and functions
- ETL/ELT Skills using SQL and custom scripts, preferably Python
- Experience of working with heterogeneous data sources including REST APIs, SQL databases, NoSQL databases
- Experience of version-control systems such as Azure DevOps and / or Git
- An understanding of logical and physical database design and the different concepts behind OLTP, OLAP and Data Warehousing
- Experienced with MS SQL Server and/or PostgreSQL
- Ideally exposure to NoSQL database technologies and a desire to learn and work with new data platforms
- Ideally exposure to big data technologies such as Apache Spark and Apache Iceberg
- Ideally exposure to Power BI
- Enquiring approach to work, a methodical approach to solving problems and an attention to detail
- Ability to work as part of a team
- Ability to work with people across the organisation
- An understanding of information security, data security and data governance
- An ability to investigate different technologies and provide guidance on the best fit for requirements

Job Holder:

Date:

Manager:

Date: