

## **Role summary**

As one of the leading architects in the UK and a company at the forefront of its industry, Foster and Partners have over 50 years of project data. With over 300 active projects globally, this puts us in a unique position to build a bespoke and powerful data structure to serve the company.

The successful Senior Data Architect will be able to effectively combine long-term strategic vision with hands-on, solution architecture in the design responsible for security and management of the data as well as providing business analysis and insight.

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## **Role definition**

**Job Title:** Senior Data Analyst

**Reporting to:** Head of Information System on a day to day basis and ultimately to the Head of Technology

## **Responsibilities**

- Managing end to end data processing from initial acquisition through to analytical storage.
- Provision of all data linkage between front-end Analytics solution and back-end analytical data structures.
- Lead a small team to gather and understand the company's data requirements, deliver appropriate solutions including setting up data exports, building and improving data warehouses and developing reports.
- Taking responsibility for the training and nurturing of our junior people on-the-job. Ensuring that they are getting the skills needed and are a useful and active participant in projects.
- Talking to users about what we can do as a team, listening to client problems and coming up with solutions and plans for implementation. Pricing and resourcing those solutions.
- Prepare solution design, policy and process documentation as required.
- Continue to assess the companies changing needs using the latest technology.

## **Qualities and skills required**

- Database technologies, ideally SQL. Querying, designing and building.
- Working with ERP / CRM (or other business systems) to find and extract data.
- Designing / building ETL pipelines (really any technology but we use SSIS / Azure Data Factory).
- Microsoft Azure data platform especially Azure Data factory, Azure Data Lake, Data Bricks, Azure SQL/DW.
- Multi-dimensional and tabular data modelling.
- Visualisation and data mining tools (Power BI mainly)
- Experience of master data management, data governance and data strategies.

**Desirable**

- Experience in setting up data master data management, data governance and data strategies.

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.

October 20