

# Senior Data Engineer

**Salary Range:** £48,969 - £55,797

**Location:** 5 Pancras Square

**Reports to:** Lead Data Engineer

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# About the role

At Camden we believe that data is at the heart of improving our residents' lives by empowering services with insights and decision support. We have embarked on an ambitious data strategy to become a centre of excellence for data. Data Engineering is key to transforming raw data into the useful information which can help services to provide better outcomes for residents. Camden is also leading on innovation with the adoption of data virtualization using Denodo and implementing a new Master Data Management solution and data engineers will be pivotal for these implementations.

The Data Engineering team work with a range of data sets reflecting the diversity of services across the council and the breadth of technologies used to underpin our applications. Some of the data we handle, such as our social care data, are highly sensitive and so even when engrossed in the technical aspects of the work, a data engineer always needs to be sensitive to the lives and stories represented in the data.

# The things you'll achieve

As a Senior Data Engineer, you will lead on the application of appropriate analytical techniques to create information which supports business decision-making, formatting and communicating results, using textual, numeric, graphical and other visualisation methods appropriate to the target audience.

You will be responsible for implementing data flows to connect operational systems for analytics and business intelligence (BI) systems using both virtual and physical implementation techniques. Through this you will be building meaningful data products for data analysts and there will also be scenarios when you will be presenting the output of these data pipelines in dashboards for consumption by service users.

You will provide platform support for our data virtualization and reporting infrastructure including maintenance of existing pipelines and dashboards. Importantly, you will ensure that appropriate safeguards are applied to handling data.

Trusted, curated data which are generated according the "*Engineer once - reuse often*" principle are a fundamental building block for our data strategy and as a Senior Data Engineer you will be key to achieving this.

# About you

## **Experience**

- *BSc in relevant discipline, or equivalent industry experience.*
- *Expert in understanding and applying tools and techniques which can be used to analyse data.*
- *Expert in understanding and manipulating large and complex data sets and optimising data flows*
- *Strong SQL Skills*
- *Experience in linking data from disparate sources and aware of the opportunities and risks doing data linkage work*
- *Proficient at documenting data products and pipelines*
- *Proficient at producing support documentation for maintaining data platforms*
- *Experience in developing re-usable business intelligence reports*
- *A knowledge of Denodo or Qlik Sense would be desirable*
- *Experience of DataOps would be desirable*
- *Familiar with Data Protection Act and General Data Protection Regulation and the principles of ethical data usage*
- *You are a good communicator who can effectively liaise with technical and non-technical stakeholders and be an advocate for our data engineering practice.*
- *You are an innovative problem solver who loves a technical challenge.*
- *You work collaboratively with colleagues which is key as we create a centre of excellence for data.*
- *You are passionate about the effective use of data to deliver better outcomes for our residents.*

# Other important stuff...

## **People management**

*There are no people management aspects to this role.*

## **Work environment**

*This will be a hybrid role where you will work from our main offices, 5PS, in Kings Cross and be expected to work at least one day a week in the office, with Tuesday the day when Customer, Technology & Data Services are expected to be in.*

## **Who you will be working with**

*As a Senior Data Engineer, you will report to the Lead Data Engineer and work closely with other data engineers and professionals within our data community such as Data Analysts, Database Administrators, Data Governance experts, Geospatial professionals and Data Architects alongside the wider technology community and with services directly.*

## **The application process**

*Anonymised Application – in keeping with Camden’s commitment to inclusion the recruitment to this role is anonymised and supports the objective of reducing the impact of unconscious bias. The application process is supported by a combination of informal conversations, technical tests, and formal panel interviews.*

# Who we are

## Diversity & Inclusion

At Camden, we value and celebrate difference and encourage diversity in all respects. Our diverse workforce ensures we represent our communities to the best of our ability and enables us to make better decisions. Because of this, we particularly welcome applications from Black, Asian and those of other non-white ethnicities, those who identify as LGBT+, neurodiverse and disabled people.

## Agile working

At Camden we view work as an activity, not a place. We focus on performance, not presenteeism. We create trusting relationships, we embrace innovation rather than bureaucracy and we value people. Collaboration is the Camden way, silo working isn't.

## Asking for Adjustments

Camden is committed to making our recruitment practices as accessible as possible for everyone. This includes making adjustments or changes for disabled people, neurodiverse people or people with long-term health conditions. If you would like us to do anything differently during the application, interview or assessment process, including providing information in an alternative format, please contact us on 020 7974 6655, at [resourcing@camden.gov.uk](mailto:resourcing@camden.gov.uk)

