

## JOB DESCRIPTION

<b>Job Title:</b>	Cloud Data Engineer
<b>Department:</b>	Finance and Investment
<b>Division:</b>	Performance and Business Improvement
<b>Business Unit:</b>	Data, Insight and Analytics
<b>Grade:</b>	PO5
<b>Responsible to:</b>	Data Architect
<b>Responsible for:</b>	Direct management of adhoc project staff where structural data changes are required across different services in the council, responsible for checking quality and standards of work.

### **Main purpose of post**

Lambeth Council are moving towards the cloud to help deliver better value from their data and create savings through data matching and process automation. The purpose of this role is to support the Data, Analytics and Insight team, wider organisation and partners to deliver and implement projects in the cloud in line with the council's data strategy.

The postholder will also enable data preparation to support the data analytics team carry out relevant analysis and modelling of data.

Delivers and implements the data architecture in line with the council's data strategy. Makes structural changes to the data architecture for the preparation of data for data analysis.

### **Key Unit Accountabilities**

1. Responsible for delivering on the data management structures set out by the Data Architect.
2. Translates service directorate information needs into technical data requirements by working closely with the Data Architect.
3. Deploys advanced data integration techniques in order to meet service directorate requirements of accessing relevant data.
4. Takes ownership for defining improvement plans for the data management systems.
5. Support the Information Governance Framework, compliance and related procedures, taking responsibility for managing risk around information management.
6. Support the delivery of service directorate requests for data quality improvement, or identifying required sources of data for integration.
7. To work flexibly in undertaking the duties and responsibilities of this job, and participate as required in multi-disciplinary cross-department and cross-organisational groups and task teams.
8. To take responsibility, relevant to the post, for ensuring that Council statutes and government legislation is upheld. This includes, amongst others; Management

Compliance Charter, Environmental Policy, Data Protection Act, Race Equality Action Plan, Quality Assurance Plan, Health & Safety, Sustainable Construction and Recycling.

9. To take responsibility, appropriate to the post for tackling racism and promoting good race, ethnic and community relations.

### PERSON SPECIFICATION Cloud Data Engineer PO5

<p>It is essential that in your written supporting statement you give evidence or examples of your proven experience in each of the short-listing criteria marked Application (A)</p> <p>You should expect that all areas listed below will be assessed as part of the interview and assessment process should you be shortlisted.</p> <p>If you are applying under the Disability Confidence scheme, you will need to give evidence or examples of your proven experience in the areas marked with a "Tick" (✓) on the person specification when you complete the application form.</p>			<p><b>Shortlisting Criteria</b></p>
<b>Qualification</b>			
	Q1	Evidence of continued professional development and/or working towards a relevant professional qualification	A✓
<b>Key Knowledge</b>	K1	Understanding of data flow modelling and cloud based solution development standards	A✓
	K2	Understanding of industry standards for data management e.g. scalability, security, performance, data recovery, reliability and quality	
	K3	Understanding of data architecture principles and how these can be practically applied within a similar organisation	A✓
	K4	Understanding of tools and techniques used to monitor data quality within a complex organisation	
	K5	Understanding of industry best practice that can be employed to improve data quality	
	K6	Excellent understanding of cloud based data solutions including data lakes, data warehouses and ETL pipelines	A✓

	K7	Good understanding of the practices required to implement and maintain effective ICT solutions	
	K8	Good understanding of delivering within agreed business processes to support ICT users	
	K9	Good understanding of how changes to information systems and technical architecture may impact on ICT users	
	K10	Has appropriate specialist knowledge commensurate with the role	
	K11	Some understanding of the business processes used to support customer service and service delivery	
	K12	Practical understanding of the latest ICT innovations in their specialist area	
	K13	An understanding of the activities of a local authority is desirable	
<b>Relevant Experience</b>	E1	Proven experience within an ICT client services environment	
	E2	Demonstrable success of working within an IT architecture environment and Microsoft Azure or similar cloud environment experience, working with databases and understanding data pipelines	A✓
<b>Core Behaviours</b>		<p><b>Focuses on People</b></p> <p>Is about considering the people who our work affects, internally and externally. It's about treating people fairly and improving the lives of those we impact. It's about ensuring we have the right processes in place.</p> <ul style="list-style-type: none"> <li>• Being approachable and positive for my area of work and other services</li> </ul>	
		<p><b>Takes Ownership</b></p> <p>Is about being proactive and owning our personal objectives. It's about seizing opportunities, driving excellence, engaging with the council's objectives, and furthering our professional development.</p> <ul style="list-style-type: none"> <li>• Working with teams and service areas to achieve positive outcomes and develop personal capabilities</li> </ul>	

		<p><b>Works Collaboratively</b></p> <p>Is about helping each other, developing relationships, and understanding other people's roles. It's about working together with colleagues, partners, and customers to earn their respect, and get the best results.</p> <ul style="list-style-type: none"> <li>• Networking with other teams to seek out mutually beneficial ways of working</li> </ul>	A✓
		<p><b>Communicates Effectively</b></p> <p>Is about how we talk, write and engage with others. It's about using simple, clear, and open language to establish positive relationships with others. It's also about how you listen and make yourself open to conversation.</p> <ul style="list-style-type: none"> <li>• Targeting the message to the audience, ensuring that everyone can access</li> </ul>	
		<p><b>Focuses on Results</b></p> <p>Is about ambition and achievement. It's about orienting ourselves towards the end product and considering the effect of our service. It's about making the right impact, having the right result and changing things for the better</p> <ul style="list-style-type: none"> <li>• Thinking in relation to the 'Borough Plan', working well with colleagues to get good results</li> </ul>	