

POSITION STATEMENT

Title:	Tech Lead- Data Engineering (Azure)	Position no:	7080
Level	IBA Level 7	Last updated:	October 2023
Location:	Canberra, Sydney or fully remote	Term:	Ongoing
Program:	ICT		
Section:	Information & Technology		
Context: <p>Indigenous Business Australia, partners and invests with Aboriginal and Torres Strait Islander people who want to own their future. We go further than provide money; we invest in people, places and ideas that are ready. We help make them real. We're deeply invested in the financial success and economic independence of Indigenous Australians. It's why we exist.</p> <p>We provide a range of services for Indigenous Australians to create wealth and accumulate assets, take up investment opportunities, create business enterprises that provide additional employment opportunities, and to purchase homes. We achieve these outcomes by applying a commercial focus, and by building mutually respectful and productive partnerships with Indigenous Australians, government, non-government and private sector organisations.</p> <p>Our staff are invested, informed, responsive, respected and connected.</p>			
Role: <p>The purpose of the Tech Lead - Data Engineering role is to play a critical role in designing, developing and implementing the organisational Azure Data Warehouse, analytics and reporting environment.</p> <p>They provide leadership, technical expertise and direction in the design, development and maintenance of data pipelines and infrastructure to support the data and analytics needs of the organisation. They will work closely with our key Third Parties in ensuring that the Azure Data Warehouse, infrastructure and Analytics environments have accurate and governed data, so the business is equipped with the right data to make the right decision.</p>			

Duties:

- Responsible for designing scalable, efficient and reliable data pipelines and systems;
- Working alongside the architecture function to make decisions about choice of technologies, tools and architecture that aligns to the Architecture Strategy;
- Write code, develop data workflows and support the Reporting and Analytics Community of Practice, contribution directly to the implementation of data solutions.
- Ensure that data pipelines and systems perform optimally, including identifying bottle necks, inefficiencies and implementing improvements.
- Oversee data quality ensuring that data is accurate, consistent and meets the needs of the data consumer;
- Collaborate alongside the data and cyber security functions to ensure that data privacy, security and compliance is met within data processing and storage;
- Collaborating with our Third Parties, coordinate and lead troubleshooting activities related to data pipelines, infrastructure, and incidents. Identifying root causes and implementing solutions.
- Keep appropriate documentation, ensuring it is up-to-date, contributing to knowledge sharing and management of key person risk.
- Stay abreast of emerging technologies and trend in data engineering and analytics to make informed decisions by adopting new tools and practices.

Required capabilities: Skills, experience and qualifications**1. Leadership**

- Ability to lead change, creating a shared sense of purpose (vision) and driving and delivering high performance.
- Effective management of IT staff and third parties, including recruitment, performance evaluations, building a skilled and motivated technology team.
- Proficiency in project management and ability to oversee large technology programs ensuring they are delivered on time, budget and meeting objectives.

2. Technical Capabilities

- The ability to adapt to changing technologies and market conditions in the fast-evolving 10+ years in data warehouse, engineering and/or analytics capabilities in an on-prem or cloud environment.
- Experience with Azure cloud services and data storage solutions;
- Hands-on experience with data ingestion, transformation and loading using Azure Data Factory;
- Solid understanding of data process and analysis using technologies such as Azure Databricks or Azure SQL Data Warehouse;
- Demonstrated experience with real-time data processing using Azure Stream Analytics or Azure Event Hubs;
- Experience with data exploration and visualization tools such as Azure Machine Learning and Power BI.
- Strong coding capabilities in SQL, T-SQL and Python.
- Ability to design data architecture and develop data models.

3. Stakeholder Management

- Excellent relationships with peers and the ability to influence.
- Sound interpersonal skills demonstrated by abilities to build and maintain effective working relationships with people at all levels and across all areas of the project, with limited direction or assistance.
- Ability to foster strong risk culture, fostering constructive conflict and problem solving.
- Demonstrated abilities to develop relationship with the business end user communities to support them in getting the most out of the Data Warehouse environment.
- Demonstrated abilities to develop strong external relationship across other government agencies and third parties partnerships.

Reference documentation: www.iba.gov.au

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Further enquiries: Jodi.Stapleton@iba.gov.au

Applications: email to ibarecruitment@iba.gov.au or mail to: IBA Recruitment, PO Box 650, Fyshwick ACT 2609

- Application Coversheet
- Resume
- Maximum 800 words addressing the selection criteria

Please note that applications not accompanied by the Application Coversheet available from our website or sent directly to the enquiry officer will not be accepted.

Closing date: 3/11/2023