POSITION DESCRIPTION

Position: **Analytics Engineer (INFO.76)**

Reports To: **Manager, Digital Services**

Classification: **Band E**

CANCER COUNCIL VICTORIA

Every year, more than 39,000 Victorians will be diagnosed with cancer, and nearly 12,000 will die from cancer. The number of cases will increase as our population grows and ages. Survival will also improve as we get better at early detection and treatment of cancer.

Since our establishment in 1936, Cancer Council Victoria has developed an international reputation for our innovative work in cancer research, prevention and support. As an independent, not-for-profit organisation, we play a leading role in reducing the impact of all cancers on all people.

Our people work and volunteer at Cancer Council Victoria to contribute to an organisation that makes a real difference in people's lives and is valued by the community we serve. In return we are proud to foster a culture that supports individuals to reach their full potential, in an environment that reflects our values of **Excellence, Integrity and Compassion.**

DIVISION AND TEAM SUMMARY

The Corporate Services Division incorporates governance, finance, legal, risk, information technology, property and logistics. The focus of the Division is to ensure Cancer Council's Corporate Services operate to the highest standards of efficiency and effectiveness to ensure compliance and support the organisation to deliver on its Strategic Priorities. The Division also works to ensure the protection and optimisation of the Council's financial and business assets, and reputation.

Our digital vision is to prevent cancer, empower patients and save lives through connection, collaboration and innovation. The Information Technology (IT) team champions this vision and supports the rest of the organisation in its realisation. We deliver the software platforms, infrastructure, support, security and services that enable Cancer Council Victoria as a digital-first organisation.

POSITION SUMMARY

As part of Cancer Council Victoria's modern data transformation journey, the Analytics Engineer plays a pivotal role in designing, developing, and maintaining scalable, high-performance data solutions that enable evidence-based decision-making across the organisation.

This position leads the design of data models in Snowflake, orchestrates end-to-end data pipelines using Microsoft Fabric, and drives the implementation of analytics-ready datasets powering Power BI dashboards and advanced analytics.

Working closely with the Data Engineering Lead, this role provides technical leadership, ensures data governance and best practices, and mentors other data professionals to uplift the overall capability of the analytics team.

RESPONSIBILITIES

Analytics modelling and data engineering:

- Design, develop, and maintain robust and scalable data models in Snowflake, ensuring data integrity, performance, and reusability.
- Perform the development and maintenance of data pipelines using Microsoft Fabric, integrating diverse data sources and transforming raw data into structured, analytics-ready datasets.
- Design and implement efficient ELT/ETL frameworks for analytics data workflows.
- Establish and document data modelling standards, naming conventions, and version control processes.
- Implement best practices for data governance, lineage tracking, and quality monitoring.

Analytics enablement and visualisation:

- Build and maintain interactive Power BI dashboards and reports to visualise complex data sets.
- Optimise performance of Power BI datasets through advanced modelling and incremental refresh techniques.
- Support the integration of AI/ML analytics models into Snowflake where relevant.

Stakeholder management and collaboration:

- Collaborate with business units to translate business requirements into scalable and maintainable data solutions.
- Collaborate with cross-functional teams (CRM, Finance, CED, Digital) to define data architecture and data flows aligned with business and analytics needs.
- Implement best practices for data governance, lineage tracking, and quality monitoring.
- Participate in code reviews, peer learning sessions, and knowledge-sharing initiatives.
- Up-to-date with emerging data technologies (e.g. Fabric Dataflows, Snowflake Cortex) to drive innovation.

KEY SELECTION CRITERIA

Essential Criteria

Qualifications, Experience, Knowledge and Skills:

- Relevant tertiary degree in Data Engineering or related field and/or experience in Data and Analytics role
- Demonstrated experience in data modelling and warehouse design using Snowflake.
- Proven experience designing and managing data pipelines.
- Strong SQL skills and experience with scripting languages such as Python or R.

- Expertise in Power BI, including DAX, data modelling, and performance optimisation.
- Demonstrate understanding of data architecture principles, data governance, and cloud data ecosystems.
- Ability to translate business requirements into technical solutions.
- Strong communication and collaboration skills with both technical and non-technical stakeholders.
- Proven ability to work autonomously, prioritise competing demands, and deliver within deadlines.

Desirable Criteria

- Experience with data automation, orchestration, and CI/CD for data pipelines.
- Knowledge of Snowflake Streams, Tasks, and Dynamic Tables for near real-time data processing.
- Familiarity with Fabric features such as Dataflows Gen2, OneLake, and Direct Lake mode.
- Experience working in an agile environment with Jira or similar tools.

Special Requirements

- Non-smoker
- Right to work in Australia
- Satisfactory completion of National Police Check