



Title	Business Intelligence Developer	Classification	Level 4/5
Number	Generic	Group	Corporate Support
Reports to	Business Intelligence & Analytics Manager	Division	Transformation Management Office
Supervises	0	Branch	Enterprise Data Governance

Commission Overview

The Insurance Commission of Western Australia (Insurance Commission) is a Government Trading Enterprise that provides motor injury insurance to Western Australian motorists and manages the self-insurance arrangements of the Western Australian Government through its Government Insurance division. The Insurance Commission also invests and manages funds to meet insurance liabilities, and advises Government on insurance.

Our Values

We are committed to a high performance culture which values accountability, professional integrity and respect.

Business Unit Overview

The Transformation business unit provides strategic leadership in organisational transformation and associated change management initiatives, and data strategy.

Position Overview

The role contributes to the development and operation of the Enterprise Data Office's modern analytics platform by building lakehouse-aligned data assets, supporting the transition from Cognos to Fabric and Databricks, and preparing curated datasets and Power BI semantic models aligned to approved definitions. Working under the guidance of senior data engineers and within established standards, the position progressively takes ownership of discrete pipeline and data product components across the Bronze, Silver and Gold layers, ensuring outputs are reliable, traceable and fit for governed reporting and decision-making

Position Responsibilities

Lakehouse Engineering

- Develop and maintain SQL and Python-based transformations (including notebook-based development) to support ingestion, curation and publishing of datasets within lakehouse environments.
- Apply approved engineering patterns, coding standards and security controls when building or modifying data assets



Curation Pipelines in Medallion Architecture

- Assist in the design, build and operation of data curation pipelines from raw (Bronze) through curated (Silver) to business-ready (Gold) layers.
- Support repeatable ingestion and transformation approaches that enable reuse across multiple analytics and reporting use cases.

Semantic Layer & Certified Datasets

- Support the development and maintenance of Power BI semantic models aligned to approved business definitions and measures.
- Contribute to the preparation and maintenance of certified datasets used for governed enterprise reporting and dashboards.

Legacy Transition Support

- Assist with the controlled migration of reporting assets from Cognos to Fabric-aligned platforms.
- Support parallel-run validation, reconciliation and issue investigation to ensure defensible transition outcomes.

Governance & Quality Controls

- Maintain and update documentation that supports data traceability and governance expectations, including metadata and lineage artefacts for priority datasets and reporting assets.
- Execute data validation and testing activities for datasets, pipelines and semantic models; support issue investigation and contribute to reconciliation processes that build trust in enterprise reporting outputs.

Operational Support

- Monitor scheduled data refreshes, pipelines and reporting processes, escalating incidents and contributing to root-cause analysis.
- Perform routine run-book and BAU operational tasks to support stable analytics platform operations.

Collaboration & Continuous Improvement

- Work collaboratively with data engineers, analysts and stakeholders to deliver reusable data assets and reporting solutions.
 - Contribute to process improvements, documentation updates and automation opportunities within scope of capability.
 - Actively develop capability in modern data engineering tools, participating in learning and development activities to build technical skills.
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Corporate Responsibilities

- Exhibits accountability, professional integrity and respect consistent with the Insurance Commission's Values and Code of Conduct, and the public sector Code of Ethics.
 - Ensures all correspondence is to a professional standard consistent with the style guide.
 - Performs other duties as directed.
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Work Related Requirements

Capability to:

1. Apply SQL and Python to build and maintain data transformations that support lakehouse ingestion, curation and analytics delivery, using established engineering patterns.
 2. Understand and apply Bronze/Silver/Gold lakehouse concepts and contribute to the development of curated datasets and Power BI semantic models aligned to approved business definitions.
 3. Support metadata, documentation and lineage practices that improve traceability and reduce definition drift during platform transition.
 4. Assist with data validation, quality checks, testing and reconciliation activities to improve accuracy and trustworthiness of enterprise reporting and analytics assets.
 5. Communicate effectively with technical and business stakeholders, work collaboratively within a structured delivery environment, and follow established standards, governance controls and security expectations when handling enterprise data.
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Pre-employment requirements

- A satisfactory National Police Clearance no more than six months old
 - 100 point identity check
 - Satisfactory evidence of Australian residency status or the right to work in Australia
 - Satisfactory evidence of essential qualifications or Professional Memberships (where applicable)
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Award/Agreement

Government Officers (Insurance Commission of Western Australia) Award 1987

Government Officers (Insurance Commission of Western Australia) General Agreement 2024

Certification

Approved by the delegated authority and registered on:

31 March 2026