



<b>Title</b>	Data Engineer	<b>Classification</b>	Level 6
<b>Number</b>	Generic	<b>Group</b>	Corporate Support
<b>Reports to</b>	Business Intelligence & Analytics Manager	<b>Division</b>	Transformation Management Office
<b>Supervises</b>	0	<b>Section</b>	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 technical expertise to data engineering and analytics initiatives on cloud-native lakehouse aligned data platforms, developing and maintaining data pipelines under the guidance of senior engineers, integration processes and reporting solutions that support business operations. It applies established engineering patterns and works under guidance from senior technical specialists to deliver reliable, well structured data assets for decisioning and reporting.

## Position Responsibilities

- Develop, maintain and enhance ETL/ELT processes and data pipelines (curation pipelines bronze > silver > gold) using approved patterns and standards.
- Implement data transformations, validation rules and integration logic to support operational and analytical data needs.
- Assist in the design and documentation of metadata structures, data models and integration specifications.
- Contribute to the development and maintenance of metadata, including data dictionaries, lineage information and structural documentation.



- Support the implementation of logical and physical data models (dimensional modelling, medallion architecture, semantic modelling - under the direction of senior engineers.)
  - Assist in maintaining lineage and metadata consistency across data platforms.
  - Apply data quality checks, profiling and validation processes to ensure accuracy and reliability of data assets.
  - Support governance activities by documenting issues, contributing to remediation tasks and following established standards.
  - Implement data quality tests and profiling aligned with governance expectations.
  - Analyse datasets to identify data quality issues, structural inconsistencies or integration gaps.
  - Translate business requirements into technical tasks with guidance from senior engineers.
  - Work collaboratively with analysts, SMEs and senior engineers to deliver data solutions that meet business needs.
  - Contribute to process improvements, automation opportunities and the adoption of better engineering practices including Git-based development workflows.
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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 (Selection Criteria)**

In addition to having relevant tertiary qualifications or equivalent industry experience, have the capability to:

1. Apply practical data engineering skills, including SQL, python, data transformation logic and ETL/ELT development.
  2. Contribute to metadata structures, data models and documentation standards, supporting the development and maintenance of well-structured, reliable and understood data assets.
  3. Analyse data and translate business requirements into technical tasks, seeking guidance from senior team members where needed and ensuring alignment with established engineering patterns.
  4. Apply data quality, profiling and governance practices to improve reliability and understanding of data assets.
  5. Communicate effectively with stakeholders and collaborate within multidisciplinary teams.
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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

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### **Certification**

Approved by the delegated authority and registered on:

31 March 2026