

**POSITION DESCRIPTION**

<b>JOB TITLE</b>	Data Engineer
<b>REPORTS TO</b>	Senior Manager, Health Intelligence Unit
<b>DATE</b>	01/06/2026
<b>CONTRACT TYPE</b>	Full-time
<b>CLASSIFICATION LEVEL</b>	Level 6 (no direct reports)

**ORGANISATIONAL CONTEXT**

Our employees are supported to utilise the breadth of their skills and expertise in achieving the organisation’s goals.

Our employees are community focussed, embrace change, are agile and are solution focused.

Our employees are committed to our organisational values that guide our decision making and behaviours.



**POSITION OBJECTIVE**

This role is responsible for the operation and ongoing development of WentWest’s data engineering capability within the Health Intelligence Unit, delivering secure, scalable and reliable data solutions that integrate clinical, EMR, finance, workforce and operational systems. The role drives adherence to engineering standards, risk management and delivery coordination across internal and external stakeholders to support trusted, high-quality and accessible healthcare data assets.

**KEY STAKEHOLDERS**

External Stakeholders	Internal Stakeholders	Individual Teams
Department of Health, Disability and Ageing (DHDA) AIHW CSIRO Primary Health Insights Team General Practitioners Other Primary Health Networks Data Architects	Executive Leadership Team Senior Leaders Managers As required	All teams as required.

**KEY RESPONSIBILITIES**

- Contribute to the delivery and continuous improvement of the data engineering function for key HIU data assets and platforms, ensuring solutions are stable, scalable, secure and aligned with organisational and program priorities
- Apply and support the continuous improvement of engineering standards, procedures and controls for data ingestion, transformation, testing, release management, documentation, monitoring and issue resolution

- Design, build, optimise and support enterprise healthcare data pipelines, integration frameworks, data warehouses, Databricks and cloud-based data platforms that enable reporting, analytics and reform delivery.
- Provide technical advice and recommendations on architecture, platform design, engineering approaches and implementation options within defined organisational parameters
- Coordinate data engineering activities across teams, subject matter experts, analysts, vendors and partner organisations to enable delivery of shared priorities in a matrix environment
- Ensure compliance with healthcare governance, privacy, security, records management and information management requirements across data platforms and engineering practices
- Identify data engineering risks, contribute to mitigation approaches and support internal capability uplift to reduce reliance on external providers
- Provide guidance and mentoring to analysts, technical staff and project contributors involved in data engineering activities

### **Specific Responsibilities**

- Maintain and stabilise core GP ODS data pipelines, ensuring continuity of nationally significant dashboards and reform-linked products
- Own end-to-end data engineering processes including ingestion, transformation, and data quality monitoring as part of ongoing BAU operations
- Coordinate AIHW-aligned harmonisation activities, including SNOMED CT-AU and ICD-11 mappings, and embed consistent engineering methods to support interoperability outcomes
- Support internal delivery of priority analytical and reform-linked products through effective engineering design, delivery coordination and platform support
- Strengthen knowledge transfer, documentation, engineering controls and operational readiness to support transition from externally provided services to an internally owned model

### **Other Responsibilities**

- Contribute to planning and key decision-making across the broader organisation
- Fulfil additional tasks as reasonably requested, adhering to the broader organisational goals and directives
- Uphold 'best practice' standards in all areas of responsibility, ensuring excellence and efficiency
- Abide by all organisational policies and procedures, contributing to a culture of compliance and integrity
- Prioritise safety of yourself and others in accordance with WentWest's Workplace Health and Safety (WHS) policies and the Workplace Health and Safety Act 2011

**Culture** - Contribute to a constructive workplace culture and a safe workplace. Model the organisation's CORE values and ensure all workplace conduct is consistent with the behaviours associated with those values and the WentWest Code of Conduct.

**Finance and Resources** - Manage allocated finance and resources efficiently and effectively in accordance with the WentWest Delegations Manual (and supporting corporate policies and documentation). This may include, but not be limited to, management of an allocated budget, corporate records, intellectual property and personnel records and include the correct retention of data and records.

*WentWest is an evolving organisation of continual improvement. The role scope described is intended as a guide to the responsibilities.*

### **ADDITIONAL REQUIREMENTS AND TRAVEL REQUIRED**

- Occasional travel across Western Sydney to fulfil the requirements of the role
- Some out of hours work on evenings and weekends will be required for events, meetings or conferences etc.

*Note: Out of hours work should be managed in accordance with WentWest's Flexible Work Policy and employees' hours should be adjusted flexibly to accommodate hours worked outside of core business.*

#### MANAGEMENT SYSTEM – QUALITY AND INFORMATION SECURITY

- Ongoing compliance with WentWest management system requirements
- Responsible for ensuring that all documents that are part of the WentWest management system and assigned to this position are reviewed and updated in accordance with the Control of Documents and Records Policy
- Actively participate in quality improvement initiatives within their teams and across the organisation
- Ongoing compliance with WentWest's Information Security Policy and the information security components of the WentWest Management System

#### QUALIFICATIONS

- Bachelor's degree in either Data Science, Information Technology, Health Informatics, Engineering, or related discipline

#### SKILLS AND EXPERIENCE

##### Essential

- 2–3 years demonstrated experience in data engineering or a related specialist data role
- Advanced SQL, data modelling, database optimisation, and programming skills in Python, Scala, Java or similar languages
- Demonstrated experience designing, building and supporting scalable data pipelines, ETL/ELT workflows and cloud-based data platforms in complex environments
- Hands-on experience with Databricks and contemporary data engineering, release management, CI/CD and DevOps practices
- Experience applying, maintaining or improving engineering standards, controls, documentation and quality practices to support reliable service delivery
- Strong understanding of data governance, privacy, security, records management and information management requirements
- Solid experience with data harmonisation, interoperability or integration across multiple systems, datasets and business contexts
- Demonstrated ability to provide sound technical advice, exercise sound judgement and deliver practical solutions in complex environments
- Well-developed stakeholder engagement and relationship management skills, with the ability to coordinate work across multiple teams and priorities
- Advanced analytical, problem-solving and continuous improvement skills, including the ability to identify risks, determine mitigations and support capability uplift through knowledge sharing and mentoring

##### Desirable

- Postgraduate qualification or further study in health data science, health informatics or a related discipline
- Relevant DMBOK, cloud, data engineering or healthcare technology certifications
- Experience working in primary care, hospitals, aged care or other healthcare service environments
- Understanding of clinical workflows, healthcare reporting requirements and Australian healthcare privacy obligations
- Familiarity with complementary data platforms and orchestration tools such as Snowflake, Apache Spark, Apache Airflow, Azure, AWS or Google Cloud

**PRE-APPOINTMENT REQUIREMENTS - These must be provided prior to offering a position to a candidate**

- Right to work in Australia documents (Passport or Birth Certificate with 100 points of ID)
- Certification of any tertiary qualifications and professional memberships
- National Police check completed in the last six months
- Working With Children Check

**WENTWEST VALUES - behaviours and ways of working the organisation sees as critical**

Display an attitude and behave in a manner that is in keeping with our Core Values and through own behaviour and through effective implementation of a positive team-based culture.

**Creativity** – challenge convention

**Leadership** – inspire action

**Equity** – actively overcome barriers

**Excellence** – be the best we can be

**Respect** – understand others