Austin Health
Position Description

Position Title: Data warehouse developer

Classification:	EX05
Business Unit/ Department:	Business Intelligence Unit
Agreement:	Victorian Public Health Sector (Health and Allied Services, Managers and Administrative Officers) (Single Interest Employers) Enterprise Agreement 2021 - 2025
Employment Type:	Fixed-Term Full-Time
Hours per week:	38 (minimum three days on-site)
Reports to:	Manager Data Services
Direct Reports:	N/A
Financial management:	Budget: N/A
Date:	11 November 2024 Fixed term role for 24 months (from start date)

About Austin Health

Austin Health is one of Victoria's largest health care providers. Comprising of the Austin Hospital, Heidelberg Repatriation Hospital, Royal Talbot Rehabilitation, Hospital in the Home and community based health services; Austin Health is an internationally recognised leader in clinical teaching, training and research, with numerous university and research institute affiliations.

Austin Health employs near 9,000 staff across its sites; including over 1,600 doctors, 3,000 nurses and 1,000 therapy & science Allied Health staff, and delivers a full range of leading edge clinical services, including several state-wide services (liver transplant, spinal cord injury service, respiratory support service, child inpatient mental health service). In total, Austin Health provides over 900 beds, including mental health, aged-care and rehabilitation beds and a range of community and in the home services. The current annual operating budget is in excess of $960 million.

Austin Health delivers vital state-wide services to all Victorians, including to diverse multicultural and veteran communities. It also provides community and specialty services to the people of Melbourne's north-eastern corridor in a safety-focused, team-oriented and stimulating work environment.

Austin Health's current vision is to change healthcare for the better through world class research, education and exceptional patient care.

Our values define who we are, shape our culture and the behaviours, practices and

mindset of our people. Our values are: Our actions show we care, we bring our best, together we achieve and we shape the future. www.austin.org.au/about-us

Austin Health is committed to providing an inclusive culture where all employees can contribute to the best of their ability and strive to develop further. Find more at http://www.austin.org.au

Position Purpose

This role is responsible for the design, maintenance and testing of data warehouse reporting solutions managed by the Austin Business Intelligence Unit. The role will develop, and work with existing, business requirements from a data warehouse project to ensure the design of the data warehouse meets the business needs.
Engage and collaborate with other key stakeholders to understand requirements. Proactively manage the overall design of the enterprise data warehouse and decommissioning of legacy data-warehouses.

The incumbent will need a deep understanding of
- Enterprise data-warehousing
- Kimball Dimensional Modeling.
- Building data models to address reporting requirements.
- Ingesting data from hospital systems in to staging and persistent staging layers to address reporting/ data requirements of new function.
- Ensuring CEDW (clinical enterprise data warehouse)/ reporting and presentation layers are ready for consumption by BI Reporting Tool like Power BI and self-service ready.
- Designing, building and documenting enterprise data models with a view of building single versions of the truth across multiple clinical and non-clinical areas
- Evolving the CEDW (clinical enterprise data warehouse) in a best practice approach to reflect the changing reporting environment.

About Business Intelligence

The Business Intelligence Unit is responsible for three key areas:

- Data Warehouse management
- Clinical and performance reporting
- Analytical projects

Two reporting teams cover all analytical and reporting services for Austin Health in relation to clinical operations, funding and performance; and assistance with

research analytics. The Data Services team are responsible for the Austin Health data warehouses and provision of data to the organization.

Position Accountabilities

Role Specific:

- Develop and enhance the Austin Health Clinical Enterprise Datawarehouse by adding more data sets to address reporting requirements from various clinical areas.
- Identification and implementation of improvements to the Austin's Clinical Enterprise Datawarehouse.
- Oversight of data quality and escalated issues that impact the operations of the hospital.
- Proactively monitor and maintain the relevant data warehouse environments and resolve all processing issues.
- Play an active role in migrating current on-premise solutions to the Azure environment.
- Follow all documentation processes eg Jira, Confluence, GIT, data catalogue
- Ensure quality control of all developed artefacts for the Clinical Enterprise Data Warehouse.

Collaboration
- Develop a collaborative and trusted relationship with directors, managers, clinical staff and administrative staff across the organisation;
- Input to data and reporting groups/forums across the organisation;
- Attendance and active input to meetings, working groups, steering committees and improvement programs as required;
- Liaise with the Austin IT department;
- Ensure knowledge sharing is embedded and actively performed amongst data team and broader clinical analysts group.

Other
- Attend to ad hoc data, reporting & analytical requests;
- Other duties as required.

All Employees:
- Comply with Austin Health policies & procedures, as amended from time to

time, which can be located on the intranet (The Hub): http://eppic/
- Report incidents or near misses that have or could have impact on safety - participate in identification and prevention of risks
- Comply with the Code of Conduct

People Management Roles:
- Ensure clear accountability for quality and safety within the department;
- Ensure incident management systems are applied and a response to local issues and performance improvement occurs; ensure the risk management system is functional;
- Be aware of and comply with the core education, training and development policy;

Selection Criteria

Essential Knowledge and skills:

- Demonstrated experience in enterprise data modelling. Structured and unstructured data;
- Strong experience with Kimball dimensional modelling methodology.
- Strong understanding of Master Data Management and data governance;
- Extensive experience in data modelling of data for enterprise reporting and analytics;
- Experience in Microsoft Azure data platform;
- Experience in source code control using GIT;
- Experience using JIRA and Confluence;
- Strong documentation experience;
- Data architecture experience from conceptual data model, logical data model to physical data model;
- Exceptional communication and stakeholder management skills, with the ability to liaise at all levels of the organisation;
- Strong analytical & problem-solving skills with good attention to detail;
- Experience in working with large complex data sets;
- Experience with embedding data governance in to enterprise data models;
- Microsoft Business Intelligence Suite experience essential including SSIS, Power BI, SSAS, Power Apps (Tabular and Multi-dimensional, Azure Data Factory);
- Ability to work independently and within a team environment;

- Excellent organizational, time management, written and verbal skills;

- Tertiary qualifications and/or extensive experience in an appropriate health or business field;

Additional skills:

- Knowledge of Public Health or Hospital data is not essential but would be well regarded.

General Information

Austin Health is a Child Safe Environment

Austin Health is committed to child safety. We want children to be safe, happy and empowered. We support and respect all children, as well as our staff and volunteers. Austin Health has zero tolerance of child abuse, and all allegations and safety concerns will be treated seriously in line with legal obligations and our policies and procedures.

Equal Opportunity Employer

Applications from Aboriginal and Torres Strait Islanders are encouraged to apply. For more information about working at Austin Health, please follow this link to Austin Health's Aboriginal Employment website: http://www.austin.org.au/careers/Aboriginalemployment/

Document Agreement

Manager Signature	
Employee Signature	
Date	