

# Data Warehouse Engineer

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<b>College/Division</b>	Division of Future Students
<b>School/Section</b>	Data Analytics
<b>Location</b>	Hobart
<b>Classification</b>	HEO 8
<b>Reporting line</b>	Reports to Data Warehouse Manager

## Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social and cultural future of Tasmania, and from Tasmania, contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

We are seeking to appoint a Data Warehouse Engineer within the Data Warehouse team, which is within the Data Analytics section under the Division of Future Students.

The Data Warehouse Engineer will support the existing Data Warehouse team who are responsible for the University of Tasmania's Enterprise Data Warehouse. It is expected the position will focus on sourcing, transforming, modelling and exposing a wide range of data.

**We are an inclusive workplace committed to 'working from the strength that diversity brings' reflected in our Statement of Values. We are dedicated to attracting, retaining and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age and life course bring. Applications are encouraged from all sectors of the community. Tell us how we can make this job work for you.**

## What You'll Do

- Perform database design and construction activities using relational and dimensional modelling techniques for the creation and maintenance of an enterprise data warehouse.
- Develop and enforce quality assurance procedures to ensure information and data relationship integrity.
- Design and build connections between end user BI software and an enterprise data warehouse.
- Automate data loads and cube/dataset builds.
- Liaise with database and/or Business Intelligence software vendors.
- Support the University and its analysts, assisting in the sourcing, providing and reporting of data to meet their requirements.
- Develop and maintain concise documentation on data, procedures, validation and transformation activities.
- Build and maintain effective and trusting relationships with key stakeholders, including project teams, senior managers and staff.
- Undertake significant internal consulting directed at the resolution of major problems.
- Assist in the development, implementation, and maintenance of strategic plans.
- Analysis of emerging technologies.
- Undertake other duties as assigned by the supervisor.



### What We're Looking For (success criteria)

- At least 5 years experience working with data warehouses.
- Demonstrated relational and dimensional modelling experience.
- Demonstrated experience in design and implementation of data load processes within a data warehouse environment.
- An expert level SQL skillset.
- Understanding of information and data governance principles.
- Ability to work independently or as part of a team.
- Proven ability to engage with stakeholders to elicit requirements and provide expert advice.
- Demonstrated written, oral and interpersonal communication skills of a high standard.

### Nice to have

- Experience with cloud-based data warehousing and related technologies, including data lakes.
- Experience within the University sector.
- A degree in a relevant field

### Other position requirements

- Some intrastate/ interstate may be required

### University of Tasmania

The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our [Strategic Direction](#) strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

More information:

<https://www.utas.edu.au/jobs>

<https://www.utas.edu.au/careers/our-people-values-and-behaviours>

*The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.*

