

Position Title	Business Intelligence Data Designer & Engineer
Classification	Level 7
School/Division	University IT
Centre/Section	Strategy and Architecture
Supervisor Title	Manager, (Business Intelligence and Analytics)
Supervisor Position Number	317941
Position Number	317977

Your work area

UWA is making significant investments in the Information and Technology Services to enable its strategic direction and goals. UWA is also looking to utilise technology advancements to expand its services and create new and innovative teaching and research models.

Robust, flexible, integrated and agile enterprise architecture, information and technology services are vital to enabling the university strategic objectives.

Reporting structure

Reports to: Manager (Business Intelligence and Analytics)

Your role

Under broad direction, you will work closely with the Business Intelligence Team, Database Administrators (DBAs) and end users of the data to satisfy the need for quality and accurate reporting information. You will collaborate closely with the Business Intelligence Team to convert the concept data required into a meaningful delivery of valued information to the users.

Your key responsibilities

Design, model and maintain BI solutions with particular focus on data profiling, modelling, transformation, and migration in large and complex environments.

Coordinate the identification, gathering and analysis of reporting / data requirements from end users in a wide range of business and research areas.

Collaborate effectively and efficiently to distil the information needs, data sources and transformation rules required into a development roadmap for the required reporting.

Liaise effectively with solutions delivery, database administration and other technical groups to ensure data maintains its integrity and security.

Work closely with University stakeholders seeking access to information / reporting as well as technical teams maintaining numerous application databases and the BI development team.

Monitor improvements in data standards and governance over core University systems.

Other duties as required.

Your specific work capabilities (selection criteria)

Relevant tertiary qualification or equivalent competency.

Substantial relevant computing and technical experience with planning, designing and implementing Business Intelligence systems.

Demonstrated experience in working with business users to define reporting requirements in a complex systems environment.

Demonstrated experience with developing new or enhancing existing standards, processes, procedures and guidelines in business intelligence / data analytics environments.

Demonstrated experience with ETL tools to design, extract and transformation rules.

Demonstrated understanding of the IT industry trends and their application in the higher education sector, and in particular related to the management of data and information.

Demonstrate ability to understand the business context, apply sound judgement, and be able to model the business data in a suitable format for reporting ie. Multi-dimensional and relational data modelling skills.

Highly developed written and verbal communication skills.

Highly developed organisational skills and demonstrated ability to set priorities and to meet deadlines.

Proficiency in a range of computing skills including word processing, spreadsheets, databases, internet and email.

Demonstrated ability to communicate with influence, establish positive stakeholder relationships at all levels of the university, and negotiate competing priorities whilst always remaining fully customer focused.

Ability to review and analyse and identify improvement opportunities.

Ability to plan and deliver when faced with complex situations and change.

Working knowledge of the Higher Education sector is desirable.

Special requirements (selection criteria)

Some after hours and weekend work may be required.

Compliance

Ensure you are aware of and comply with legislation and University policies.

To learn more about the Code of Conduct, see [Code of Conduct](#).

To learn more about Diversity, Equity and Inclusion, see [Diversity, Equity and Inclusion](#).

To learn more about Safety, Health and Wellbeing, see [Safety, Health and Wellbeing](#).