



Position description

Data Analyst

Position number	50210728
Department/Unit	eSolutions
Faculty/Division	Chief Operating Officer and Senior Vice-President
Classification (salary rates)	HEW 8
Employment type	Full-time
Work location	Clayton campus
Date document created or updated	18/02/2016

Organisational context

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit www.monash.edu

eSolutions leads and directs the provision of IT solutions to the University. eSolutions is currently leading substantial technological, service and organisational reform in its role as a single IT function for the University that operates according to the following vision: We partner with our customers to provide complete solutions enabling the Monash academic mission and delivery of the strategic agenda. We aim to be a customer focused organisation delivering flexible, responsive, coherent ICT services. For more information on the work that we do, please visit our website: www.monash.edu/esolutions/

Enterprise Information Management (EIM) is a new capability within eSolutions that will eventually encompass a full suite of IM capabilities including data governance, information architecture, enterprise data services and business information services.

Position purpose

As part of an Agile delivery team, the incumbent is responsible for collaborating with business and technology stakeholders to source data, analyse it and implement data models to meet business intelligence requirements, ensuring adherence to the University's data warehousing strategy.

This work directly contributes to the development, maintenance and ongoing evolution of the Monash University Data Architecture, underpinning the University's Enterprise Information Management agenda. The incumbent is responsible for advocating data integration benefits and leading technical project teams in the adoption of best practice.

Reporting to the Scrum Master and taking functional direction from the Enterprise Information Architect on required guidelines and information standards, the Data Analyst works closely on projects to ensure desired business outcomes are delivered while progressively maturing and enhancing reusable enterprise data models.

- **Reporting line:** The position reports to the Scrum Master under broad supervision, working with a considerable degree of autonomy.
- **Supervisory responsibilities:** Not applicable
- **Financial delegation and/or budget responsibilities:** Not applicable

Key responsibilities

- As part of an agile delivery team perform data sourcing, profiling, modelling, mapping and lineage to ensure alignment to the enterprise standards.
- Promote semantic understanding through creating a stable data model that documents the business rules to be enforced.
- Perform metadata design and maintenance, developing and maintaining the formal description of the data and data structures.
- Apply information classification and data security classification to information assets.
- Collaborate within the agile teams to identify and understand business requirements, translating these into data requirements.
- Design project data integration and data migration activities, advising on the transition from current to desired state.
- Maintain the enterprise data models and the mappings between these and the application databases.
- Build team capability through mentoring, training, sharing information and providing expert advice to other team members.
- Participate in due diligence of new software purchases, reviewing all proposed data models contained in packaged or commercially available applications.
- Participate as required in data integration and Enterprise Information Management (EIM) programs and projects, including both enterprise and point-to-point efforts.

Key selection criteria

Education/Qualifications

1. The appointee will have:
 - relevant postgraduate qualifications or progress towards postgraduate qualifications in Computer Science or related discipline and extensive relevant experience, and
 - Certification in Agile methods and the ITIL framework, or
 - an equivalent combination of relevant experience and/or education/training.

Knowledge and Skills

2. Extensive knowledge and proven skills in data sourcing, data design and analysis, relational and dimensional data modelling, mapping, system integration, interface design and data migration.
3. Strong understanding of common information architecture frameworks including information models, information classification, metamodels, taxonomies and ontologies.
4. Demonstrated understanding and experience with data integration techniques including BI and data warehouse design and implementation.
5. Experience in providing technical leadership, mentoring or guidance to other team members.
6. Excellent written and verbal communication skills and experience, including effective consultation and negotiation skills.
7. Proven ability to take responsibility and deliver acceptable outcomes within complex situations and minimal supervision.
8. Proven skills in Structured Query Language (SQL).
9. Expertise in Erwin data modeling tool is preferred.

Other job-related information

- Travel (e.g. to other campuses of the University) may be required.
- There may be peak periods of work during which the taking of leave may be restricted.

Legal compliance

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.

Organisational chart

