



Position Description – Data Scientist

Position Details

Position Title: Data Scientist

College/Portfolio: Operations **School/Group:** Data and Analytics

Campus Location: Primarily based at City campus, and the potential to work across other RMIT campuses as required.

Classification: HEW 7 **Time Fraction:** 1

Employment Type: Continuing

Fixed Term Reason: Choose an item.

Reporting Line: Lead Data Scientist

No. of Direct reports: 0

RMIT University

RMIT is a global university of technology, design and enterprise, committed to creating transformative experiences for students and making a meaningful impact through research, innovation, and engagement. For more information on RMIT University follow the links below.

<https://www.rmit.edu.au/about>

<https://www.universitiesaustralia.edu.au/university/rmit-university/>

<https://www.rmit.edu.au/about/facts-figures>

Our campuses in Melbourne (City, Brunswick, Bundoora, and Point Cook) are complemented by international campuses in Vietnam and a centre in Barcelona, Spain. We proudly acknowledge the Woi Wurrung and Boon Wurrung peoples of the eastern Kulin Nation on whose unceded lands our campuses are located.

We are deeply committed to reconciliation and Indigenous self-determination, embedding these values throughout our policies, culture and structures.

<https://www.rmit.edu.au/about/our-locations-and-facilities>

Why Join RMIT?

Our people are at the heart of everything we do. At RMIT, we value innovation, collaboration and impact. Our values are the heart (durrung) of who we are and what we stand for at RMIT. They guide what we do, how we make decisions, and how we treat each other.



Inclusion Imagination Integrity Courage Passion Impact

Learn more about our values: <https://www.rmit.edu.au/about/our-strategy/values>

Organisational Accountabilities

RMIT is committed to the safety, wellbeing and inclusion of all staff and students. As a staff member, you are expected to comply with all relevant legislation and RMIT policies, including those related to: Equal opportunity, Occupational health and safety, Privacy and trade practices & Child safety standards:

Appointees are responsible for completing all required training and ensuring that they and their team members remain up to date on relevant compliance obligations.

Staff are expected to understand and support RMIT's child safe practices as part of their professional responsibilities. More about our child safety commitment: <https://www.rmit.edu.au/about/our-locations-and-facilities/facilities/safety-security/child-safety>.

Leadership at RMIT

At RMIT, leadership is not defined by position or hierarchy—it is a shared responsibility demonstrated by all staff, regardless of role or title. Leadership is grounded in our six core values, which guide and shape how we work together, make decisions, and create impact.

Effective leadership means consistently integrating these values into everyday actions and interactions, whether influencing a project outcome, supporting a colleague, or leading a team. All staff are expected to embody the principles of the *Be–Know–Do* Leadership Model:

Be – We are open and authentic, inclusive and empowering. We are purpose driven role models and communicators.

Know – We are self-aware, and understand our stakeholders, our sector and priorities.

Do – We set clear direction and expectations, we develop ourselves and others and promote mutual accountability to deliver results.

At every level, leadership at RMIT is about influence, contribution, and mindset. It is reflected in how we empower others, foster collaboration, and drive positive change through capability-building and alignment to strategic goals.

College/Portfolio/Group

Office of the Chief Data & Analytics Officer supports and enables RMIT's business strategy by leading and driving the data and analytics agenda for the enterprise. This involves being accountable and responsible for:

- Developing and implementing RMIT's data and analytics strategy and ensuring ongoing alignment with university
- Defining requirements and standards for data and analytics technologies to be delivered by Information Technology
- Coordinating and governing data management activities for analytics and reporting
- Developing and coordinating advanced analytics capabilities to resolve key university challenges

Position Summary

The role is responsible for delivering key insights and information to stakeholders across the university by leveraging statistical modelling and machine learning techniques. The role will function in cross functional teams, established to deliver data and analytics solutions for our stakeholders. A key part of the role is to actively contribute to the development of best practices, methodologies and tools for how data science projects will be delivered in the university

Key Accountabilities

- Work collaboratively in cross-functional teams of analysts, data scientists, data engineers, business partners to deliver data and analytics solutions to the organisation, leveraging agile development
- Assist in conducting complex data analysis using statistical and machine learning techniques to derive insights and participate in communications to stakeholders in concise and clear presentations
- Proactive, ongoing development and enhancement of reports, dashboards, models and other data outputs
- Work collaboratively with members of the capability group (i.e. Data Science, Analysis and Visualisation guild) to contribute towards the development of methodologies, tools and processes to continuously improve how data science projects are delivered in the university
- Work collaboratively with members of the delivery team to fulfil delivery obligations to stakeholders across a range of analytics services
- Scopes out moderately complex business problems, and engages with stakeholders to design and build fit for purpose data science solutions that create genuine value for the university.

Key Selection Criteria

Essential:

- Good interpersonal, consultation, communication and presentation skills and a proven ability to work with diverse stakeholders across the enterprise
- Knowledge of a variety of machine learning and artificial intelligence techniques (regression, statistical tests, text mining, decision tree learning etc), how to apply these techniques to solve real-world business problems, and an understanding of how to evaluate the performance of models
- Good problem-solving skills with the ability to develop innovative and reusable solutions
- Good work management skills including the ability to work across multiple tasks with minimal supervision
- Good programming skills, is able to manipulate structured and non-structured data in distributed environments. Is experienced at building model using tools and libraries but also in creating bespoke new algorithms
- Advanced knowledge of analytics tools used for data science e.g. SQL, Python, R, AWS Sagemaker

Desirable:

- Working knowledge of Snowflake for querying and using curated data
- Awareness of Snowflake Intelligence / Cortex concepts (e.g. agents, semantic views, semantic search)
- Foundational knowledge of dbt for data transformation and analytics engineering
- Basic experience with Git and version-controlled workflows

Qualifications

- Tertiary qualification in a related quantitative field (Data Science, Computer Science, Statistics, Mathematics, Data Analytics) is preferred.
- Alternative credentials obtained in the field of data science will be considered.

Working with Children Check

Appointment to this position is subject to holding a valid Victorian Working with Children Check and other checks as required by the specific role. Maintaining a valid Working With Children Check is a condition of employment at RMIT.