SENIOR LECTURER

DEPARTMENT/UNIT	Department of Data Science and Artificial Intelligence
FACULTY/DIVISION	Faculty of Information Technology
CLASSIFICATION	Level C
DESIGNATED CAMPUS OR LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The **Faculty of Information Technology** aims to lead global IT research and education. Our strong reputation and international profile attracts the best students worldwide and we offer a range of accredited courses that transform our graduates into highly skilled and sought after IT professionals, equipped to work globally. Our research is multidisciplinary, multi-campus and multi-national, giving us a unique capacity to reach out further and deeper than any other institution in Australia. Our research priorities are both technically ambitious and embedded in everyday life. To learn more about the Faculty and the exciting work we do, please visit https://www.monash.edu/it.

Data science is transforming business, industry, government, social interaction and research. Our **Department of Data Science and Artificial Intelligence (DSAI)** is at the vanguard of research into the technologies that underpin this revolution.

We're unlocking the potential of large data sets across a wide range of applications. Our work is facilitating better health outcomes for elderly members of the community and helping businesses make more informed decisions for the future. Our cross-disciplinary approach to problem-solving means we work collaboratively with some of the world's leading data scientists, AI researchers and external partners, ensuring we have the capabilities to deliver answers.

Monash University strongly advocates diversity, equality, fairness and openness. We fully support the gender equity principles of the Athena SWAN Charter and invite you to join us in celebrating women

. The Department of Software Systems and Cybersecurity (SSC) is a proud sponsor and partner of STEMM Women Academic Network (SWAN).

POSITION PURPOSE

A Level C academic is expected to make significant contributions to the teaching effort of a department, school, faculty or other organisational unit or an interdisciplinary area. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities.

The Senior Lecturer in Machine Learning within the Department of Data Science and AI at Monash University is to contribute to the advancement of teaching and research in this rapidly evolving field. The role involves developing and delivering high-quality curriculum, conducting innovative research, and fostering collaborations within the department and across disciplines. This position plays a crucial role in shaping the next generation of data scientists and AI practitioners while contributing to Monash University's reputation as a leader in Machine Learning education and research.

Reporting Line: The position reports to the Head of Department

Supervisory Responsibilities: This position provides direct supervision to post-doctoral staff

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level C academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions

2. Initiation and development of course material

3. Course coordination

4. The preparation and delivery of lectures and seminars

5. Supervision of major honours or postgraduate research projects

6. Supervision of the program of study of honours students and of postgraduate students engaged in course work

7. The conduct of research

8. Significant role in research projects including, where appropriate, leadership of a research team

9. Involvement in professional activity

10. Consultation with students

11. Broad administrative functions

12. Marking and assessment

13. Attendance at departmental, school and/or faculty meetings and a major role in planning or committee work

14. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
   - A doctoral or masters qualification in the relevant discipline area or equivalent accreditation and standing and/or recognised significant experience in the relevant discipline area.

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors

3. Demonstrated publication record in high-quality refereed journals, conferences equivalent textbooks or teaching resources

4. Demonstrated ability in undertaking outstanding research and leading a research team and project

5. Proven record of obtaining significant external grants for research

6. Demonstrated record of successfully supervising postgraduate research students

7. Ability to work positively and cooperatively with students, internal and external teams and external organisations

8. Demonstrated strong record of teaching experience in a tertiary environment including course coordination

9. Demonstrated ability to motivate, actively engage and educate a given audience

10. Proven ability, commitment and passion for engaging in scholarly and research activities

11. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.