SENIOR LECTURER – LEARNING ANALYTICS

DEPARTMENT/UNIT                  Data Science & AI
FACULTY/DIVISION                Faculty of Information Technology
CLASSIFICATION              Level C
WORK 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 multi-disciplinary, 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 www.monash.edu/it.

POSITION PURPOSE
The Faculty of Information Technology at Monash University is in process of establishing a leading international research group in learning analytics and the education hub for developing students, researchers, professionals, and leaders in learning analytics. The group is led by pioneers of learning analytics and critical data studies and is currently composed of four core faculty members and over 20 affiliate members.

The group’s research program is focused on three key strands including i) learning analytics in assessment and feedback; ii) curriculum and employment analytics; and iii) emerging themes in learning analytics such as multimodal learning analytics, machine behaviour, and human-AI collaboration in learning.

The activities of the group include research projects with national and international partners, innovative applications of learning analytics across all levels of education and a range of industries, leadership of international field building activities, academic leadership in strategic adoption of learning analytics, and development of students, researchers, professionals, and leaders.
Applicants from all areas of learning analytics are welcomed. Priorities will be to applicants with research interest in a) machine learning and artificial intelligence foundations of learning analytics; b) human-centred learning analytics; c) fairness, accountability, and transparency in learning analytics; d) measurement and assessment science in learning analytics; e) multimodal learning analytics; and f) learning science foundations of learning analytics. The successful candidate will be expected to contribute to research, teaching and engagement activities, establish a research program in learning analytics, seek for external funding opportunities, publish in leading international venues, supervise higher degree research students, and participate in and contribute to leadership of activities of the learning analytics group.

**Reporting Line:** This position will report to a senior academic within the research area

**Supervisory Responsibilities:** Not applicable

**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 subject 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

### 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.

In determining experience relative to qualifications, regard shall be had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or contributions to technical achievement. In addition, a position at this level will
normally require a record of demonstrable scholarly and professional achievement 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

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.