



**Department of Computer Science & Engineering**  
**Faculty of Engineering**  
**University of Moratuwa**

## **MSc in Data Science & AI**

The MSc in Data Science & Artificial Intelligence (AI) postgraduate degree program is designed to provide practicing professionals having an engineering/science background with in-depth technical knowledge and exposure to emerging and niche topics in data science & AI.

Compared to the Data Science & Engineering specialization in our MSc in Computer Science, this program offers more advanced knowledge in machine learning, deep learning, artificial intelligence and data science in addition to core software engineering and computer science topics. Furthermore, this program offers a wider range of electives focused on emerging topics in data science and AI, and their applications.

The following are **some of the key topics** covered in the program:

- Machine learning
- Deep learning
- Data mining
- Data visualization
- Business intelligence
- Big data
- Data analytics
- Machine vision
- Image processing
- Natural language processing
- Bioinformatics
- Cloud computing
- Game theory
- Information security
- ML ops
- Data engineering

### **Eligibility Requirements**

- The Honours Degree of Bachelor of the Science of Engineering of the University of Moratuwa; **or**
- Any other four-year bachelor's degree in Engineering, or Science, or Technology from a recognized University in a field relevant to data science and/or artificial intelligence as may be judged by the Faculty of Engineering and approved by the Senate; **or**
- Any other three-year bachelor's degree in Engineering, or Science, or Technology from a recognized University in a field relevant to data science and/or artificial intelligence with a minimum of one year period of appropriate post-qualifying experience as may be judged by the Faculty of Engineering and approved by the Senate; **or**
- Any recognized category of membership of a recognized professional institute obtained through an academic route, with a minimum of one year period of appropriate post-qualifying experience as may be judged by the Faculty of Engineering and approved by the Senate.

*All qualified applicants will be notified of their eligibility and will be invited for a selection test and a subsequent interview conducted by the Department of Computer Science & Engineering. The postgraduate degree programs of the Department of Computer Science & Engineering will commence on **03<sup>rd</sup> January 2026**.*

For application forms and details on applying, visit <http://postgrad.cse.mrt.ac.lk>, email [postgrad@cse.mrt.ac.lk](mailto:postgrad@cse.mrt.ac.lk) or phone 078-5518591

**Applications Close - Aug 18, 2025**

**Registrar**  
**University of Moratuwa**  
**Moratuwa 10400**