



MICRO-CERTIFICATE IN ARTIFICIAL INTELLIGENCE: MACHINE LEARNING SOLUTIONS

Learn what Artificial Intelligence (AI) and Machine Learning (ML) are and how they work. Understand how to determine what they can and can't do for you and your business or organization. Prepare to evaluate, discuss and advise on AI and ML solutions for IT projects and RFPs.



University
of Regina

Centre for
Continuing Education

Artificial Intelligence: Machine Learning Solutions

PROGRAM DESCRIPTION: Whether you have a technical background or not, take a realistic and critical look at AI to consider the solutions it may or may not provide for you and your business or organization, in three online courses. Understand the implications, strengths, limitations, ethics and privacy considerations surrounding AI. Start with a broad overview to cover the fundamentals. Consider how to work with data in a practical assignment. Then, explore the kinds of decisions to be made in business. Learn online with the support of a knowledgeable instructor and opportunities to connect with fellow learners from a variety of industries. Consider bias, potential pitfalls and concerns. Ask the questions that need to be answered in order to make informed decisions about the integration of AI.

SKILLS AND COMPETENCIES: Learn how to leverage Artificial Intelligence and Machine Learning to devise and implement technical solutions for your business or organization. Review the popular Machine Learning engines and algorithms, understand the Machine Learning project lifecycle and consider related ethics and security.

PROGRAM LENGTH: 9 months to 5 years

DELIVERY: Online

FEES: \$2,339¹⁰ plus \$100 non-refundable application fee

Pricing subject to change without notice

CREDENTIAL: Earn a University of Manitoba Micro-certificate in Artificial Intelligence: Machine Learning Solutions.

Extended Education



University
of Manitoba



“I was amazed by the knowledge I gained. Now I can link AI to a business application to get rid of a business problem. It is a very good way to impress the boss.”

Siddh Sheth

Graduate, Artificial Intelligence: Machine Learning Solutions

Micro-certificate in Artificial Intelligence: Machine Learning Solutions Program Overview

Length of program: 96 contact hours

Required Courses (96 contact hours)

EEAS 0120

Introduction to Artificial Intelligence and Machine Learning (36 contact hours)

Learn how advances can be employed to solve a range of real-world business and organizational problems, and explore ethics, social impact, and responsibility of building AI solutions.

EEAS 0122

Machine Learning Algorithms and Frameworks (36 contact hours)

Receive an introduction to common machine learning (ML) algorithms and how each supports different learning types in AI fields, gain a broad understanding of commonly available frameworks and tools used to design, implement, test, and deploy ML solutions on various digital platforms, and how to choose and apply them.

EEAS 0124

Developing Machine Learning Solutions (24 contact hours)

Learn the major stages of ML product development and the different roles and skills required at each stage. Explore how AI is transforming business, the economy, and society as a whole, and the professional opportunities that may result.

Course information is subject to change without notice.

The University of Regina Centre for Continuing Education has partnered with University of Manitoba Extended Education to offer the Micro-certificate in Artificial Intelligence: Machine Learning Solutions.

Learn more and register now



**Contact University of Regina
Centre for Continuing Education**

306-585-5748

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