

Machine Learning: Introduction and Basic Definitions

Course Syllabus

2024-2025

ONLINE COURSE

MODULE 6

Machine Learning

DATE/TIME

Thursday, April 24th, 2025
13:30 to 16:30 EDT

LANGUAGE

English

FREE REGISTRATION

www.camccol.com

DESCRIPTION

This course involves an introduction to the use of machine learning in applied research. Specifically, the instructor will review the assumptions and concepts underlying the application of machine learning to conduct research with health and behavioral data.


LEARNING OBJECTIVES

- Define machine learning and basic related concepts
- Describe, with appropriate terminology, the general functioning of at least one machine learning algorithm
- Explain the logic underlying research methodology in machine learning
- Identify research questions that can be investigated using machine learning

PRESENTED BY

Dr. Marc Lanovaz

Full Professor, University of Montreal

 marc.lanovaz@umontreal.ca

