

Fundamentals of AI and Machine Learning

course outline

In this course, we'll introduce you to essential concepts of artificial intelligence and machine learning — technologies that are increasingly relevant in today's sophisticated workplaces.

IS THIS COURSE FOR YOU?

This course is for anyone who is interested in artificial intelligence and machine learning and how they can be used to drive solutions in business and in other applications.

ABOUT THE COURSE

The world of artificial intelligence (AI) includes many areas of computing. Artificial intelligence leverages computers and machines to mimic the problem-solving and decision-making capabilities of the human brain. It combines computer science and robust datasets to facilitate problem-solving.

Machine learning can evaluate massive amounts of data automatically. It can also automate the data analysis process and make informed data predictions in real-time without the need of human intervention.

This course is focused on key concepts, such as supervised and unsupervised learning, in these fields. The course is divided into four modules and includes knowledge tests at the end of each section.

AIMS AND OBJECTIVES

The aim of the course is to help you establish a foundational understanding of artificial intelligence and machine learning.

PRE-REQUISITES

There are no pre-requisites for this course.

COURSE CONTENT

Module 1: Introduction to Artificial intelligence

Module 2: Introduction to Machine Learning and Supervised Learning

Module 3: Supervised Learning Models

Module 4: Unsupervised Learning Models

CAREER PATH

For an aspiring Data Analyst, it's essential to have an understanding of the fundamentals of AI and machine learning and how they can be leveraged to make data-crunching more efficient and more robust.

COURSE DURATION

3 hours. This will vary based on prior knowledge and ability.



CPD POINTS: 3

CPD points awarded upon successful completion

To find out more, speak to one of our course advisors.

