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TRAINING SYLLABUS

Intro to Machine Learning in R

Course Overview

This course introduces attendees to the most applicable methods of Machine Learning. In machine learning, tasks are generally classified into broad categories. Two of the most widely adopted machine learning methods are supervised and unsupervised learning. This course provides the foundation to understand the components of machine learning, preparing the attendee for subsequent machine learning courses.
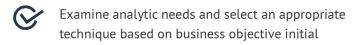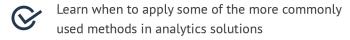
Intended Audience

Introduction to Machine Learning (ML) in R is intended for data scientists, researchers, and individuals who perform computational analysis and have a working knowledge of the R programming language.
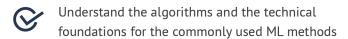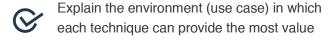
Prerequisites

Attendees should understand programming and data analysis in R   Attendees must download R and RStudio IDE onto their laptops prior to the class.
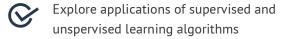
Learning Objectives

- Examine analytic needs and select an appropriate technique based on business objective initial

- Learn when to apply some of the more commonly used methods in analytics solutions

- Understand the algorithms and the technical foundations for the commonly used ML methods

- Explain the environment (use case) in which each technique can provide the most value

- Explore applications of supervised and unspervised learning algorithms

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