



Machine Learning in R

Description:

The Machine Learning with R course has been specifically developed to aid in the development of a solid understanding of the fundamentals of machine learning. You'll learn how to prepare data for modeling, train your models, visualize and evaluate their performance, and fine-tune their parameters for improved results. Learn the abilities you'll need to work as a machine learning scientist.

Start Date:

Doubt Clear Time:

Course Time:

Features:

- # Course material
- # Course resources
- # On demand recorded videos

Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Rstudio

Histograms

Scatterplots

overlaying plots

Simple Linear Regression

Multiple Linear Regression

Logistic Regression

Support Vector Machine

Decision Tree Classification

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

MD Imran

Description:

Working as Data Scientist with experience in solving real world business problems across different domains.

>Basics of Statistical Computing

in R :

>>Installing R

>>Rstudio

>>Packages

>>Plot()

>>Bar Charts

>>Histograms

>>Scatterplots

>>overlaying plots

>>summary()

>>describe()

>>selecting cases

>>data formats part 1

>>data formats part 2

>>factors

>>entering data

>>importing data

>Data Preprocessing in R:

>>Getting Started

>>Dataset Description

>>Importing the Dataset

- >>Difference between mean and ave
- >>Taking care of Missing Data part 1
- >>Taking care of Missing Data part 2
- >>Encoding Categorical Data
- >>Splitting the dataset into the training set and test set
- >>Feature scaling

>Simple Linear Regression:

- >>simple Linear Regression Intuition
- >>Simple Linear Regression in R Step 1
- >>Simple Linear Regression in R Step 2
- >>Simple Linear Regression in R Step 3
- >>Simple Linear Regression in R Step 4

>Multiple Linear Regression:

- >>Multiple Linear Regression in R Step 1
- >>Multiple Linear Regression in R Step 2
- >>Multiple Linear Regression in R Step 3

>Logistic Regression:

- >> Logistic Regression in R - Step 1
- >> Logistic Regression in R - Step 2
- >> Logistic Regression in R - Step 3
- >> Logistic Regression in R - Step 4

>> Logistic Regression in R - Step 5

>> Logistic Regression in R - Step 6

>Support Vector Machine:

>>Support Vector Machine Demo

>Decision Tree Classification:

>>Decision Tree Classification Demo