

Machine Learning in R

Instructors:

Imran:

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

Curriculum:

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