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Machine-Learnig with R

Quick Contact



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Machine Learning using R Training Syllabus

- Introduction to R
- What is R? Why R?
- Installing R
- R environment
- How to get help in R R console and Editor R Studio
- Variables in R Scalars
- Vectors Matrices List
- Data frames
- Using c, Cbind, Rbind, attach and detach functions in R Factors

Data Processing using R

- Reading Data Writing Data Slicing of Data Merging Data Apply functions
- Programming in R
- If For
- While Repeat Break Return
- Functions
- Name matching of arguments

Graphics Using R

- Box plot
- Histogram
- Pareto charts
- Pie graph
- Line chart
- Scatterplot

Machine Learning

- Simulation (Sampling from Probability Distributions)
- Supervised and Unsupervised Learning
- Regression Prediction Forecasting.





Dimension reduction (Principal Component Analysis) Decision Tree

- Anomaly Detection in data Data clustering (k-means)
- Classification (k- nearest neighbor)
- Classification (Support Vector Machine)

*Syllabus can be modified based on your requirement

For More Visit: <https://www.traininginbangalore.com/machine-learning-using-r-training-in-bangalore/>





Other Activities

Assessments

- **Objective Assessments**

- Syntactical based
- Scenario based

Note: At least 2 objective based assessments in each module

- **Hands On – Practical Assessments**

- Scenario based

Note: At least 2 Hands on assessments in each module

Assignments

- **Hands On – Practical Assignments**

Note: At least 4 Hands on assignments in each module

Tasks – Home Work

- **Regular tasks on each module**

Note: Tasks are focused more to improve self learning

Resume Support & Interview Preparation

- **Work on one or two mini projects**
- **Discuss and convert the current working project into Machine Learning project to add in resume & to explain Machine Learning experience in interviews**