

Data Science using R

Day-wise syllabus

Duration: 40 Hours

4 Hours/Session

Session	Topic
1	Introduction to Data Science, About R programming, Installing RStudio
2	Working with R programming, packages, Measure of central Tendency, Dispersion
3	Normal Distribution, Probability Theory, Binomial & Poisson Distribution, Data Visualization, Skewness, Kurtosis, Q-Q plot
4	Confidence Interval, z-distribution & t-distribution, z-score
5	Simple & Multiple Linear Regression
6	Logistic Regression
7	Clustering, KNN, Naïve Bayes
8	Decision Tree, Dimension Reduction
9	Text Mining, WordCloud
10	Forecasting/Time Series