

# R Tutorial – Learn R programming language

## R Tutorial

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We present you the R Tutorial, to learn R, the basics of R programming language, interfacing data to R from different data sources, creating charts and graphs, and extracting statistical information.



## What is R programming language ?

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R is an open source programming language. It has become one of the powerful choices for statistical analysis. R helps you to get big picture of your data by calculating statistical parameters like mean, standard deviation, correlation etc.

## Features of R

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- Open Source and Free to use.
- Works well for statistics.
- Command-Line Programming Language – But IDEs like R Studio and plugins to the popular IDEs like Eclipse, etc., are available.
- Easy sharing of Results or Analysis.
- Integration with other packages and programming languages.
- R programming is easy and informative.

## R Tutorial Index

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In our R Tutorial, we shall take you through the following topics :

- [R Installation on Windows](#)
- [R Script File Basic Syntax](#) – Understanding the basic syntax of R commands and R script file.
- [R Data Types](#) – Learn R basic data types with examples.
- [R Variables](#) – Learn R variables, rules followed to name a variable, commands to list down all the variables in the scope or delete any of them if necessary. Also learn the ways to assign a value to R Variable.
- [R Operators](#) – Learn R Operators : R Arithmetic Operators, R Relational Operators, R Logical Operators, R Assignment Operators, R Miscellaneous Operators with example R scripts.
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## [Data Interfacing – from different sources of data to R language](#)

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- [R CSV Files](#) – Learn R functions to read CSV Files, analyze or filter data read from CSV Files, and write back filtered data to CSV Files.
- [R Read Excel XLS XLSX Files](#)
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- [R Binary Files](#)
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- [R Nonlinear Least Square](#)
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- [R Random Forest](#)
- [R Survival Analysis](#)
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## Conclusion

With this R Tutorial, we have learnt the basics of R, how to interface data to R from different sources, create charts and graphs, and extract statistical information.

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▼ R if..else

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◆ R Functions

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