

# Introduction to RStudio

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Script: Shaik Sameer & Sudhakar

Video: Vidhya Iyer

IIT Bombay

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# Objectives

**In this tutorial, you will learn about these features of RStudio:**



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- ▶ **Workspace; Plots and Files window**



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- ▶ **Source and Console windows**
- ▶ **Workspace; Plots and Files window**
- ▶ **How to install packages of R**



# Pre-requisites



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- ▶ **Elementary Maths**



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- ▶ **Basic commands of R**



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- ▶ Elementary Maths
- ▶ Basic commands of R

Please locate the relevant tutorials on  
<https://spoken-tutorial.org/>



# System specifications



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- ▶ **Ubuntu Linux 16.04**



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- ▶ **R 3.2.3**



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- ▶ **RStudio 1.1.456**



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- ▶ **R 3.2.3**
- ▶ **RStudio 1.1.456**

**R version 3.2.0 or higher**



# Packages in R



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R packages are

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By default, R installs a set of packages



# Summary

- ▶ **Source and Console windows**
- ▶ **Workspace; Plots and Files window**
- ▶ **How to install packages of R**



# About the Spoken Tutorial Project

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarises the Spoken Tutorial project



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- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



# Spoken Tutorial Workshops

## The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)



# Forum to answer questions

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from the **FOSSEE** team will answer them. Please visit

<http://forums.spoken-tutorial.org/>



# Forum to answer questions

- ▶ Questions not related to the Spoken Tutorial?
- ▶ Do you have general / technical questions on the Software?
- ▶ Please visit the FOSSEE Forum  
<http://forums.fossee.in/>
- ▶ Choose the Software and post your question



# Textbook Companion Project

- ▶ **The FOSSEE team coordinates coding of solved examples of popular books**
- ▶ **We give honorarium and certificate to those who do this**

**For more details, please visit these sites:**

<https://r.fossee.in/>  
<https://fossee.in/>



# Acknowledgements

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- ▶ It is supported by the National Mission on Education through ICT, MHRD, Government of India
- ▶ More information on this Mission is available at:

<http://spoken-tutorial.org/NMEICT-Intro>



# Thank You

- ▶ **This script has been contributed by Shaik Sameer (FOSSEE Fellow 2018) and Sudhakar Kumar from FOSSEE project**
- ▶ **The video has been created by Vidhya Iyer, IIT Bombay**

