

Installing R and RStudio on Linux

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in/>

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Learning Objectives

We will learn how to:



Learning Objectives

We will learn how to:

- ▶ **Install R version 3.4.4**



Learning Objectives

We will learn how to:

- ▶ **Install R version 3.4.4**
- ▶ **Install RStudio version 1.1.463 on Linux OS**



Learning Objectives

We will learn how to:

- ▶ **Install R version 3.4.4**
- ▶ **Install RStudio version 1.1.463 on Linux OS**
- ▶ **Open RStudio interface**

Learning Objectives

We will learn how to:

- ▶ **Install R version 3.4.4**
- ▶ **Install RStudio version 1.1.463 on Linux OS**
- ▶ **Open RStudio interface**
- ▶ **Install packages**



System Specifications



System Specifications

- ▶ **Ubuntu Linux OS version 16.04**



System Specifications

- ▶ **Ubuntu Linux OS version 16.04**
- ▶ **A working Internet connection**



Installing Packages



Installing Packages

We will install



Installing Packages

We will install

► **plyr**



Installing Packages

We will install

- ▶ **plyr**
- ▶ **MASS**



Installing Packages

We will install

- ▶ **plyr**
- ▶ **MASS**
- ▶ **ggplot2**



Installing Packages

We will install

- ▶ **plyr**
- ▶ **MASS**
- ▶ **ggplot2**
- ▶ **dplyr**



Summary

We have learnt how to:

- ▶ Install R version 3.4.4**
- ▶ Install RStudio version 1.1.463 on Linux OS**
- ▶ Open RStudio interface**
- ▶ Install packages**



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ 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



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/>



Textbook Companion Project

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

For more details, please visit these sites:

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



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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 tutorial has been created by Sudhakar Kumar, IIT Bombay**

