

Working directories in RStudio

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Objectives

In this tutorial, you will learn about:



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In this tutorial, you will learn about:

- ▶ **Working directories in RStudio**



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In this tutorial, you will learn about:

- ▶ **Working directories in RStudio**
- ▶ **How to read and store csv files in R**



Pre-requisites



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- ▶ **R and RStudio**



Pre-requisites

- ▶ **R and RStudio**
- ▶ **Basic commands of R**



Pre-requisites

- ▶ R and RStudio
- ▶ 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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- ▶ **Ubuntu Linux 16.04**
- ▶ **R 3.2.3**



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- ▶ **RStudio 1.1.456**



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- ▶ **Ubuntu Linux 16.04**
- ▶ **R 3.2.3**
- ▶ **RStudio 1.1.456**

R version 3.2.0 or higher



Download CaptaincyData.csv



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- ▶ **We will use the captaincy data set which we created earlier in this series**



Download CaptaincyData.csv

- ▶ We will use the captaincy data set which we created earlier in this series
- ▶ Download this data set **CaptaincyData.csv** from the **Code files** link of this tutorial



R scripts



R scripts

- ▶ Remember we had created two scripts, **myfirstscript.R** and **mysecondscript.R**



R scripts

- ▶ Remember we had created two scripts, **myfirstscript.R** and **mysecondscript.R**
- ▶ Both were saved in the folder **myProject**, on the Desktop



Working directory



Working directory

- ▶ R always points to a default directory on our computer



Working directory

- ▶ R always points to a default directory on our computer
- ▶ This directory is where R will look, by default, for files you ask it to load



Summary

- ▶ **How to get and set a working directory**
- ▶ **How to read and store a csv file**



Assignment

1. Create a new folder on your computer and make it your working directory



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



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- ▶ Gives certificates to those who pass an online test
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- ▶ Explain your question briefly
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Forum to answer questions

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<http://forums.fossee.in/>
- ▶ Choose the Software and post your question



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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

- ▶ **The script for this tutorial was contributed by Shaik Sameer (FOSSEE Fellow 2018)**
- ▶ **The video has been created by Sudhakar Kumar, IIT Bombay**

