# Indexing and Slicing Data Frames

**Spoken Tutorial Project**
**http://spoken-tutorial.org**
**National Mission on Education through ICT**

**http://sakshat.ac.in**

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**IIT Bombay**
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**We will learn how to:**

# Learning Objectives

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

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**R version 3.2.0 or higher**

# Download Files

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- **We will use the data frame CaptaincyData.csv and a script file mydataframe.R**

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- **Download these files from the Code files link of this tutorial**

# Summary

We have learnt how to:

- **Extract rows or columns from a data frame**
- **Create a subset from a data frame**
- **Retrieve data using double square brackets**

1. **Create a subset from captaincy data frame with the captains who have played $> 20$ matches and lost $< 14$ matches**

# About the Spoken Tutorial Project

- Watch the video available at
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- ▶ **Conducts workshops using spoken tutorials**

- ▶ **Gives certificates to those who pass an online test**

- ▶ **For more details, please write to contact@spoken-tutorial.org**

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- ► **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**

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# Forum to answer questions

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- **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

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

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**https://fossee.in/**

# Acknowledgement

- **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- **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**