

# Data Science, Team Collaboration in R-Studio Environment, and How to Teach R Yourself?

## Applications in Economics

First 2020231006   Second 2020231007   Third 2020231008   Fourth 2020231009   Fifth 2020231010  
Sixth 2020231011   Seventh 2020231012



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# Outline of the Presentation

- Objectives of the presentation.
- What is data science and it's applications in economics.
- Popularity of R and R-Studio in data science.
- Open source resources available for data scientists.
- Team Collaboration in R and Python in R-Studio environment.
- Six simple rules for teaching yourself R.
- Job opportunities available for economics graduates with R and data science expertise.

# Objectives of the presentation

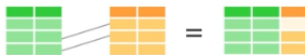
- 1 To explore the applications of data science in economics research.
- 2 Why do open source language R and Python are popular in data science.
- 3 To identify the valuable resources for economics students to learn data science tools.
- 4 Importance of team collaboration in R and Python, and popularity of R in economics.
- 5 To share the rules that proved helpful for R self-teaching.
- 6 To explore economist's opportunities after mastering R, Python and Data Science.

# Applications of data science in economics research

- 1 Application Number 1
- 2 Application Number 2
- 3 Application Number 3
- 4 Application Number 4
- 5 Application Number 5

# Figures: Applications of data science in economics

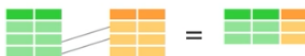
`left_join()`



`right_join()`



`inner_join()`



`full_join()`



# Popularity of R and R-Studio

- 1 Reason Number 1
- 2 Reason Number 2
- 3 Reason Number 3
- 4 Reason Number 4
- 5 Reason Number 5

# Resources available to learn data science

- 1 Resource Number 1
- 2 Resource Number 2
- 3 Resource Number 3
- 4 Resource Number 4
- 5 Resource Number 5

# Team Collaboration in R and Python

- 1 Why does collaboration important?
- 2 Opportunities for the Collaborations.
- 3 Collaboration in R-Studio environment.
- 4 Benefits of the collaboration.
- 5 Guides for economics graduates interested in data science and machine learning.



# Rules that proved helpful for teaching yourself R

## Rules One

- Rule 1
- Rule 1
- Rule 1
- Rule 1
- Rule 1

## Rules Two

- Rule 2
- Rule 2
- Rule 2
- Rule 2
- Rule 2

# Rules that proved helpful for teaching yourself R

## Rules Three

- Rule 3
- Rule 3
- Rule 3
- Rule 3
- Rule 3

## Rules Four

- Rule 4
- Rule 4
- Rule 4
- Rule 4
- Rule 4

# Rules that proved helpful for teaching yourself R

## Rules Five

- Rule 5
- Rule 5
- Rule 5
- Rule 5
- Rule 5

## Rules Six

- Rule 6
- Rule 6
- Rule 6
- Rule 6
- Rule 6

# Data Science Job Opportunities for Economist

- 1 Job Title 1, Location, Company Name, Salary
- 2 Job Title 1, Location, Company Name, Salary
- 3 Job Title 1, Location, Company Name,Salary
- 4 Job Title 1, Location, Company Name,Salary
- 5 Job Title 1, Location, Company Name,Salary

Thank You!

Questions and Answers?