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## **R-Ladies Miami**

### Introductory R Hands-On Workshop







RStudio Basic Setup

Theoretical Input

Practical exercises

github.com/rladiesmiami

Wifi: CIC (no password)

Parking: Tickets will be validated downstairs



## Requirements -

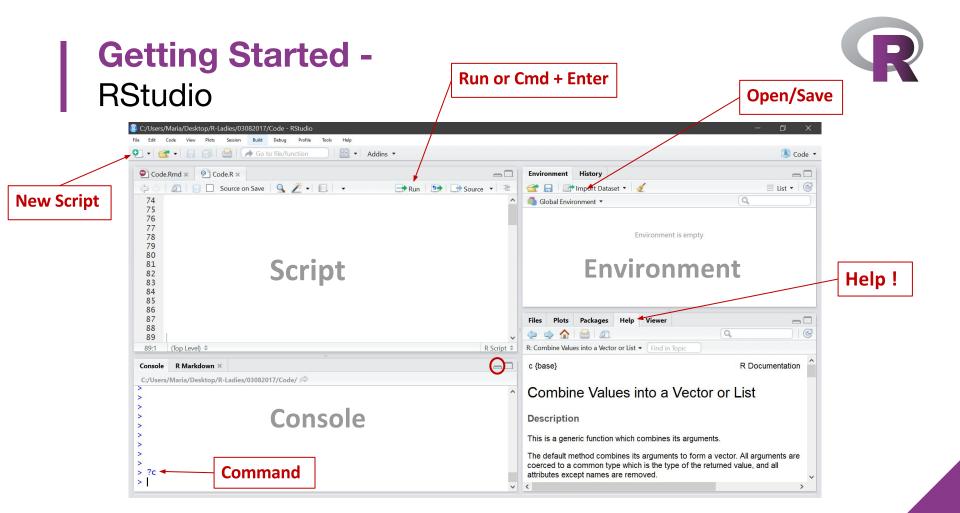
## Basic Setup



#### Installation Instructions:

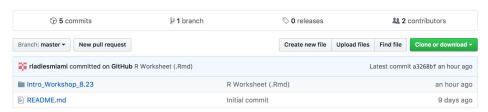
https://github.com/rladiesmiami/Meetups/blob/master/Intro Workshop 8.23/RLadiesMiami PreWorkshopSetup.pdf

- Install R
   Programming language (comes also with own IDE)
- Install RStudio (Make sure you have at least Version 1.0)
   Most popular R IDE
- Setup Github (not mandatory for today)
   Version Management

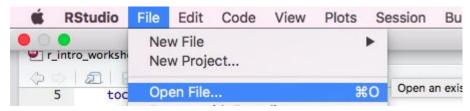


# **Getting Started -**Workshop Setup (1)



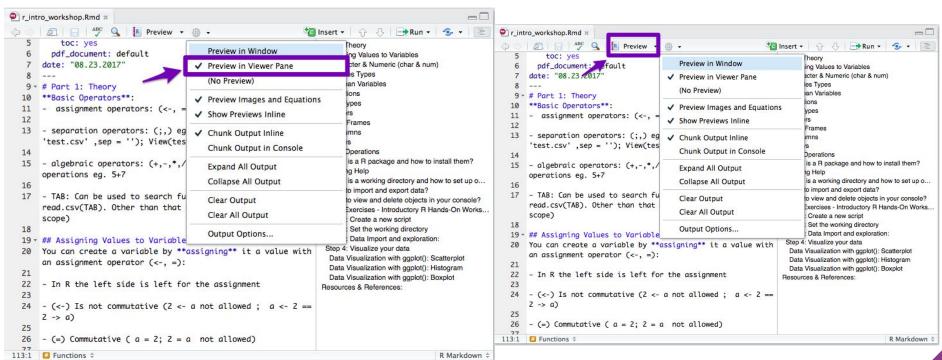


- 1. Go To: https://github.com/rladiesmiami/R-Intro-Meetup-823/tree/master/Intro Workshop 8.23
- 2. Download and unzip the file
- 3. Go To RStudio: Go to File  $\rightarrow$  Open File  $\rightarrow$  r\_intro\_workshop.Rmd









## **Getting Started -**

#### R Intro



- Basic Operators ([<- , =], [+, -, \*, /],[:,;,TAB] )</li>
- Variables & Data types
- Important Operations
  - Open / load data (import / export)
  - Save data
  - Installing packages
  - Getting help
  - Handle data (vectors/data frames)
  - Visualize using ggplot

#### **Events**

#### Aug - Sept 2017



#### **Data Science Study Group Miami**

Date: Aug 24th

Location: StartHub Miami

Topic: n/a

Link: https://www.meetup.com/Data-Science-Study-Group-

South-Florida/events/242041269/

An R Ladies Miami table will be available

Contact: Cris Vidal





#### Florida Panthers Analytics

Date: Sept 13th

Location: CIC Miami (tentatively)

Time: 7:00 pm

Topic: Showcasing ggplot in

**Sports Analytics** 

Link: TBA



