

# R language

① `setwd ("C:/Users/HP/Documents/  
Dataset")`

`library (dplyr)`

`covidata <- read.csv ("covid.csv")`

`covidata`

`names (covidata)`

`dim (covidata)`

`str (covidata)`

`summary (covidata)`

`covidata %>% Total.Cases`

`covidata %>% State.UTs`

`Sum (covidata %>% Total.Cases)`

`covidata %>% Active`

`covi_table <- table (covidata %>% Active)`

`covi_table`

`Sum (covidata %>% Active)`

`covidata %>% Total.Cases`

`top-states <- head (covidata, 10)`

`top-states`

`top-states %>% Total.Cases`

`top-states %>% Deaths`

`top-states %>% Discharged`

`top-states %>% States`

`barplot (top-states %>% Total.Cases, names.arg = top-  
states %>% States, col = "red")`

`barplot (top-states %>% Discharged, names.arg = top-  
states %>% States, col = "yellow")`

`p1 <- plot (top-states %>% Deaths, top-states %>% States, main = "Deaths on  
States due to Covid")`

hist(top-states & Deaths)

plot (top-states & Deaths, top-states &

airchaged, col = "blue")

Total.cases

min (COVIData & Total.cases)

max (COVIData & Total.cases)

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function

Addins

Project: (None)

report.R x Hello World.R x College project.R\* x Language Basics.R\* x

Source on Save Run Source

```
1 setwd("C:/Users/HP/Documents/Data Sets")
2
3 library(dplyr)
4 covidata<-read.csv("covid.csv")
5 covidata
6
7 names(covidata)
8 dim(covidata)
9 str(covidata)
10 summary(covidata)
11 covidata$Total.Cases
12 covidata$State.UTs
13 sum(covidata$Total.Cases)
14 covidata$Active
15
16 covidata$Active
```

11:1 (Top Level) R Script

Console

Environment History Console

Files Plots Pack Zoom Exp

Type here to search

10:02 15-03-2022

Source




Environment

History

Co

Console Terminal x Jobs x

 R 4.1.1 · ~/Data Sets/

&gt; summary(covidata)

States	Total.Cases	Active
Length:29	Min. : 32151	Min. : 28
Class :character	1st Qu.: 179419	1st Qu.: 210
Mode :character	Median : 726296	Median : 389
	Mean :1164378	Mean : 3075
	3rd Qu.:1441662	3rd Qu.: 1954
	Max. :6643179	Max. :39240
Discharged	Deaths	Active.Ratio
Min. : 31351	Min. : 280	Min. :0.0100
1st Qu.: 175501	1st Qu.: 3482	1st Qu.:0.0400
Median : 714143	Median : 8956	Median :0.1500
Mean :1453447	Mean : 16141	Mean :0.2686
3rd Qu.:1595452	3rd Qu.: 16618	3rd Qu.:0.2800
Max. :9932193	Max. :141243	Max. :2.2400
Discharge.Ratio	Death.Ratio	Population
Min. :97.18	Min. :0.370	Min. : 658019

Files

Plots

Pack



Zoom Exp