

# Introduction

R compiler, write R codes on your device. You can easily execute basic [statistical analysis](#) in mobile itself.

This is ideal for learning and testing code snippets.

R compiler released in Aug 2018 and the latest version upgraded in March 2021.

When you are using an upgrade (paid) version following features are available

- No Ads
- Unlimited plots
- Install packages
- Latest compilers

[How to learn Statistics-Play Quiz Now](#)

## Features

Compile and Run your R program

Plot your Graphs

View your program output

Advanced source code editor with syntax highlighting and line numbers

Support different R compiler versions namely, 3.4, 3.5, 3.6 and 4.0

Open, save, import, and share R files

Language reference

Access around a thousand packages

Install Additional packages

Customize editor

[Normality Test in R](#)

## Limitations

Internet connection required for compilation

Maximum program running time 20 second

Some file system, network, and graphics functions may be limited

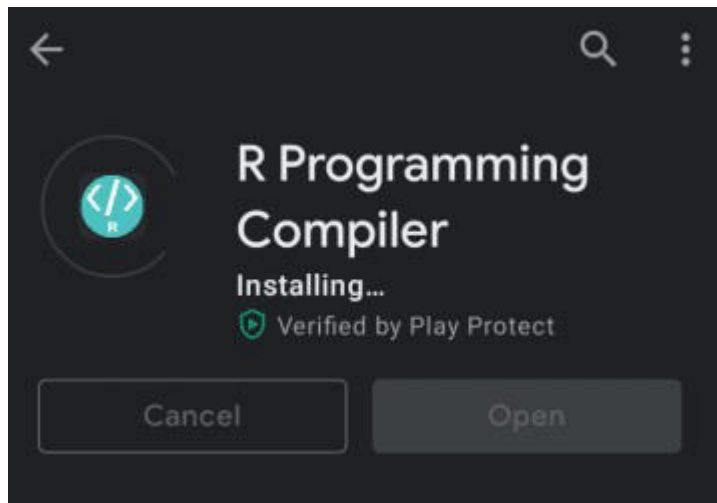
Interactive programs are not supported

[Correlation Analysis in R](#)

## R compiler Installation

Here we are going to show how to install the application and basic data loading from a mobile folder.

Step 1:- Go to the play store and download the R compiler



Step 2:- Sample script will be available on the screen

Sample Source

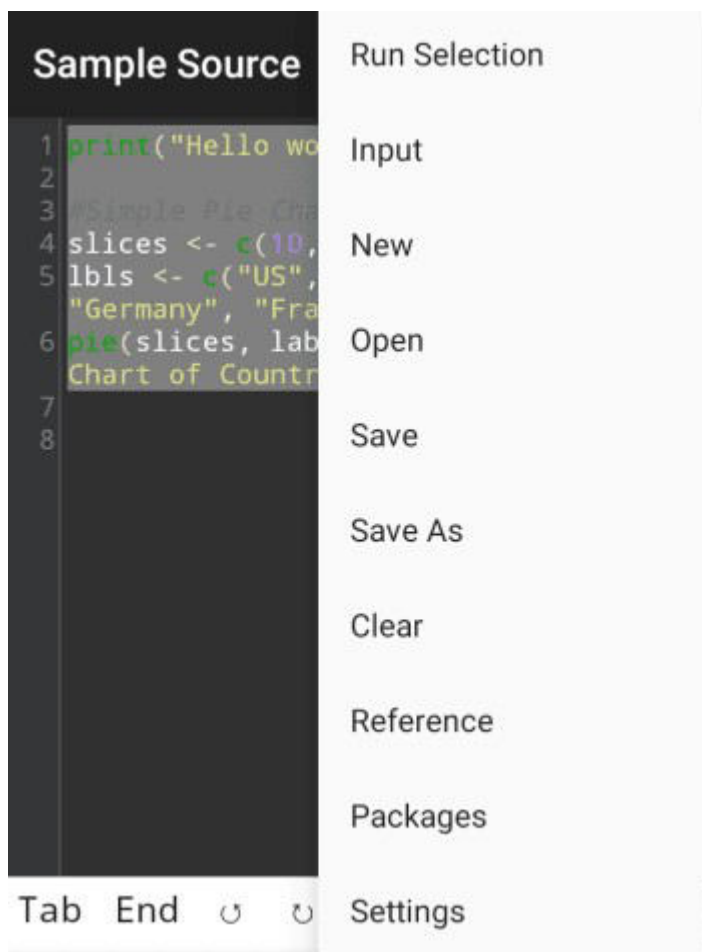
```
1 print("Hello world!")
2
3 #Simple Pie Chart
4 slices <- c(10, 12, 4, 16, 8)
5 lbls <- c("US", "UK", "Australia",
6 "Germany", "France")
7 pie(slices, labels = lbls, main="Pie
8 Chart of Countries")
```

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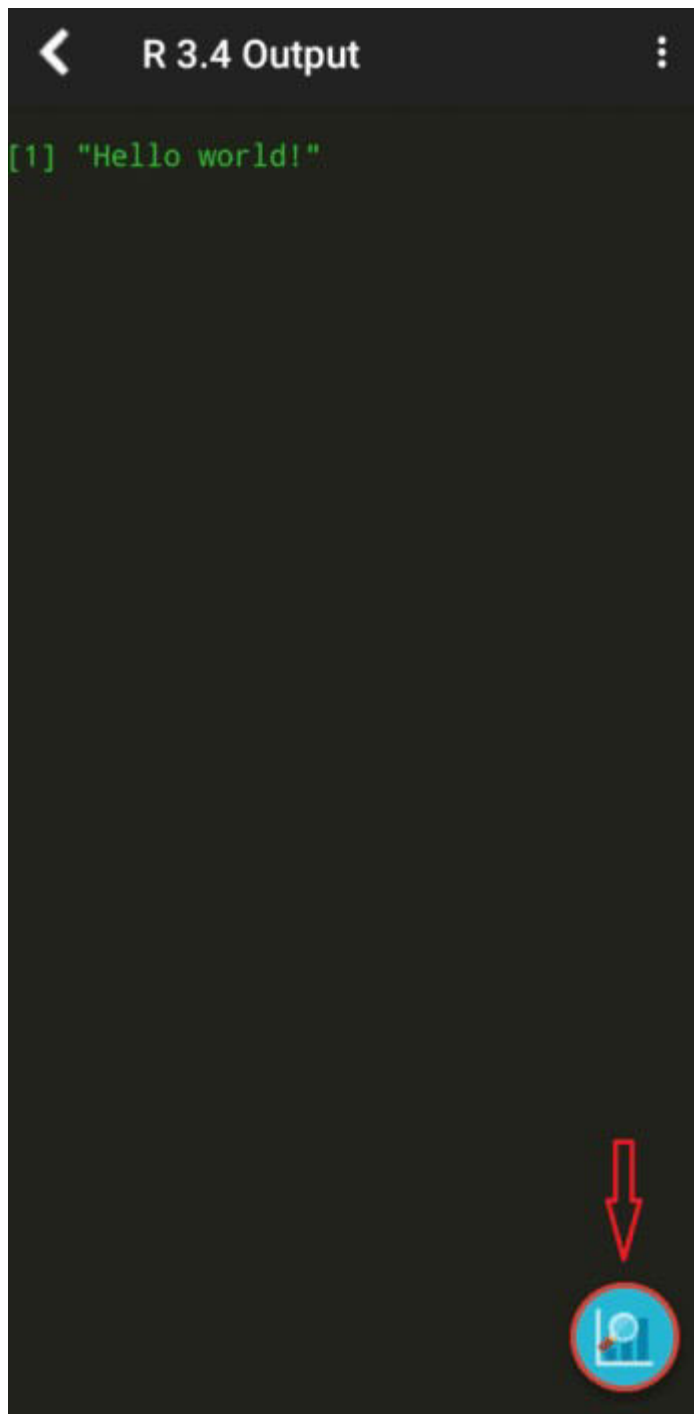
Step 3:- Select the script

```
1 print("Hello world!")
2
3 #Simple Pie Chart
4 slices <- c(10, 12, 4, 16, 8)
5 lbls <- c("US", "UK", "Australia",
6 "Germany", "France")
7 pie(slices, labels = lbls, main="Pie
8 Chart of Countries")
```

Step 4:- Click on ... dots and Click Run Selection



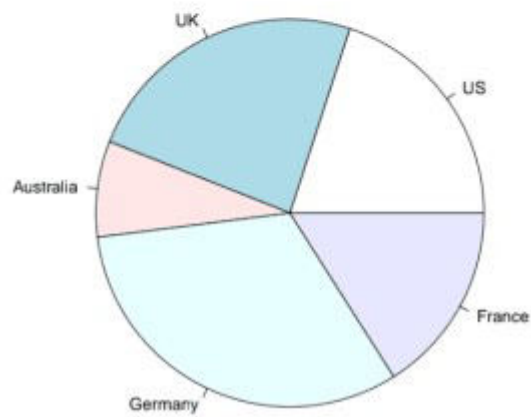
Step 5:- Output Screen



Step 6:-Output Image displayed on right side bottom

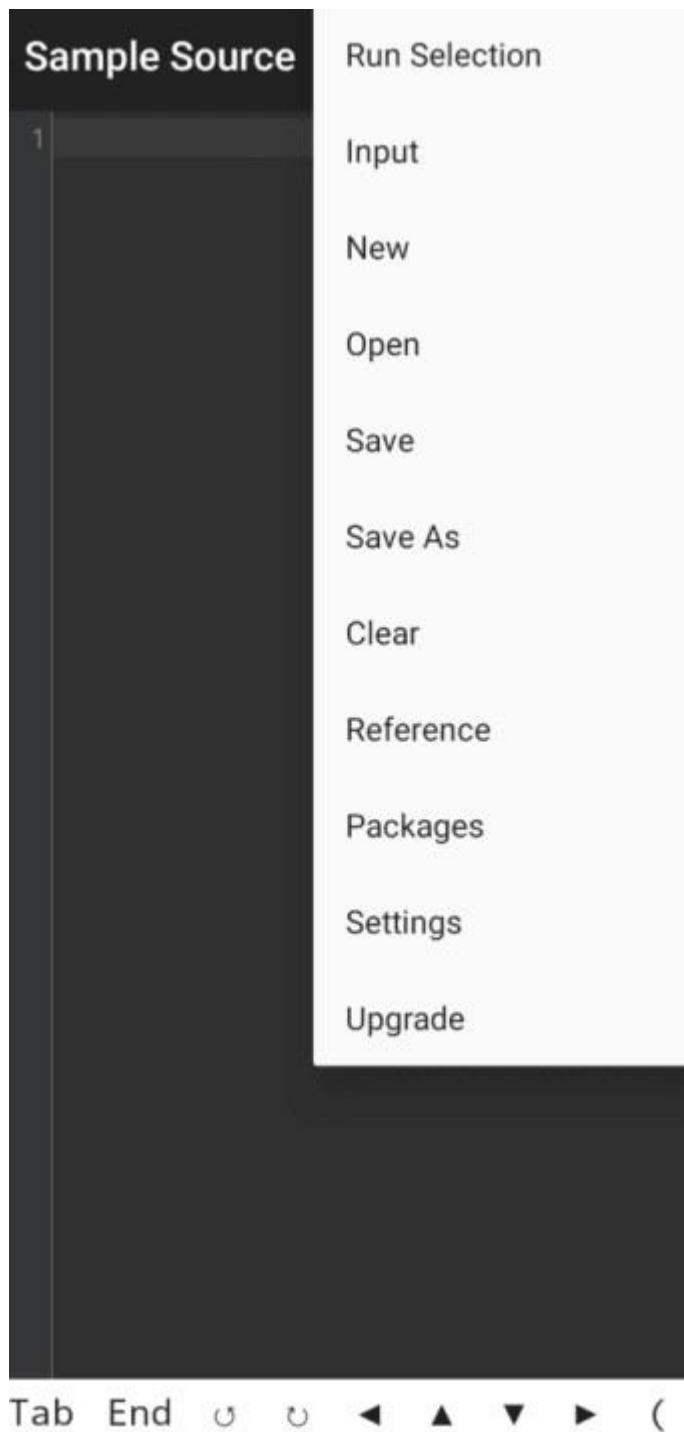


Pie Chart of Countries

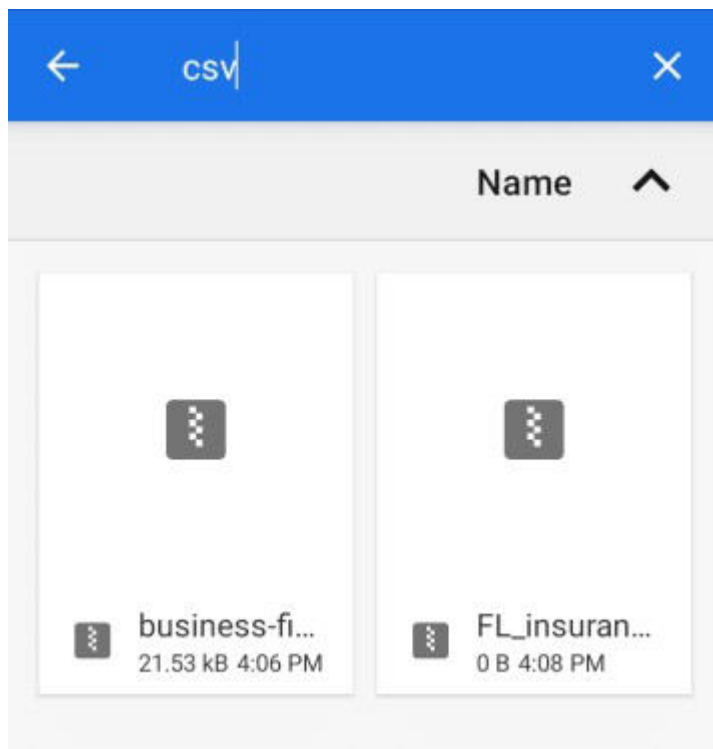


### How to load CSV file in R compiler

Step 7: Click ... dots on right side top and Click input option



Step8:- Click Open file and choose csv file



Step 9:- read CSV terminal display

Based on read.csv, you can read the data set

```
read.csv(file="stdin",head=TRUE, sep=",")
```

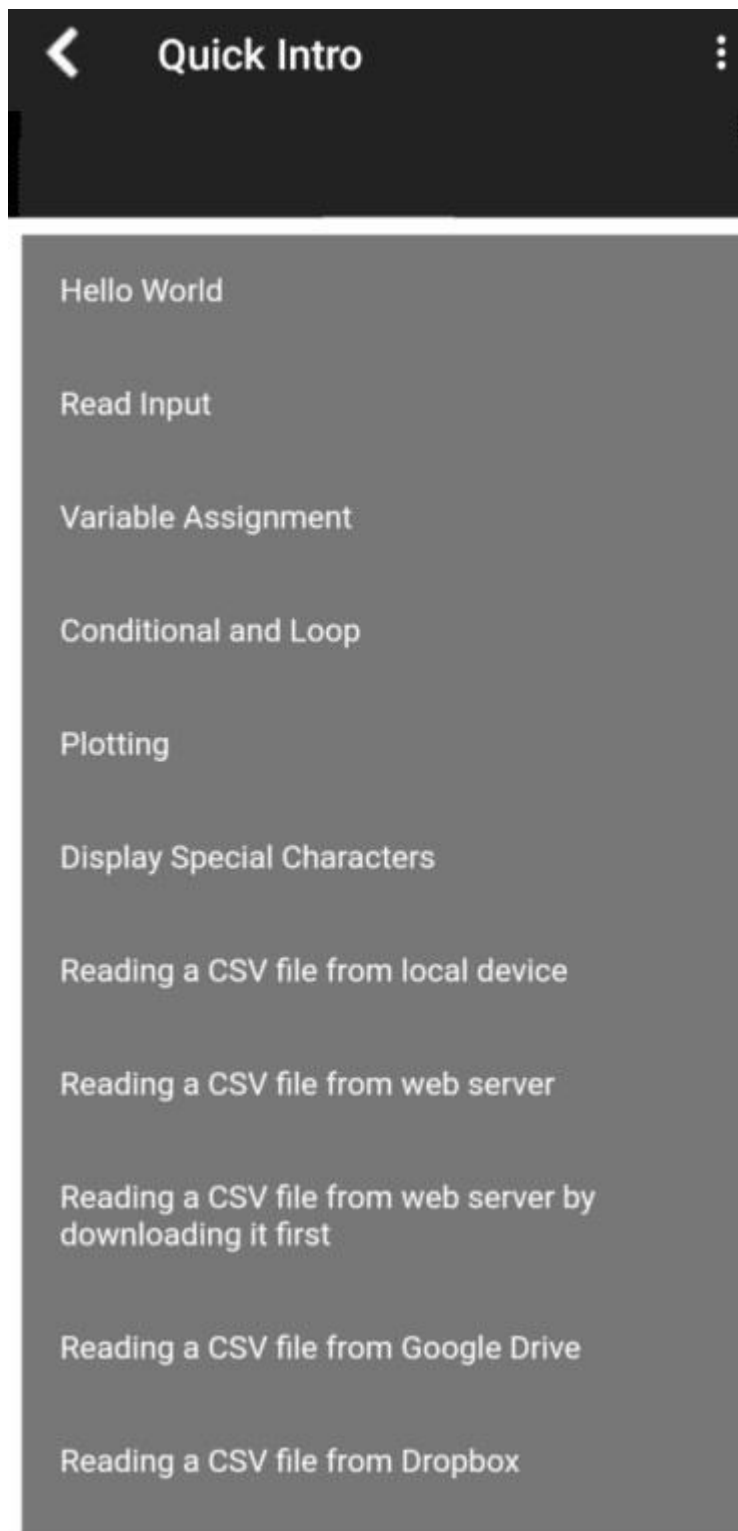
You can see your loaded data points.



< R 3.4 Output

X1  
 Eldon.Base.for.stackable.storage.shelf.  
 .platinum  
 1 2 1.7 Cubic Foot Compact  
 "Cube" Office Refrigerators  
 2 3 Cardinal Slant-D\357\277\275 Ring  
 Binder, Heavy Gauge Vinyl  
 3 4  
 R380  
 4 5  
 Holmes HEPA Air Purifier  
 5 6 G.E. Longer-Life Indoor  
 Recessed Floodlight Bulbs  
 6 7 Angle-D Binders with  
 Locking Rings, Label Holders  
 7 8 SAFCO Mobile  
 Desk Side File, Wire Frame  
 8 9 SAFCO  
 Commercial Wire Shelving, Black  
 9 10  
 Xerox 198  
 Muhammed.MacIntyre X3 X.213.25  
 X38.94 X35 Nunavut  
 1 Barry French 293 457.81  
 208.16 68.02 Nunavut  
 2 Barry French 293 46.71  
 8.69 2.99 Nunavut  
 3 Clay Rozendal 483 1198.97  
 195.99 3.99 Nunavut  
 4 Carlos Soltero 515 30.94  
 21.78 5.94 Nunavut  
 5 Carlos Soltero 515 4.43  
 6.64 4.95 Nunavut  
 6 Carl Jackson 613 -54.04  
 7 30 7.72 Nunavut

Step10:-Quick Introduction



## Conclusion

Yes, Sometimes a laptop or computer is not available and wants to execute some basic analysis then it's really handy...