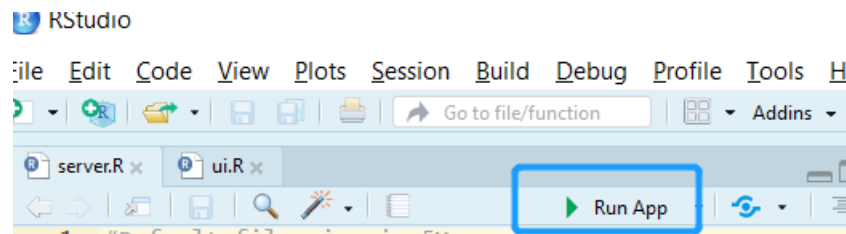


In this program, we use R environment.

First of all, you can use 'Run App' in R studio to run this program after import ui.R and server.R:



Or copy the following code in R:

```
library(shiny)

source('Datapath/ui.R')

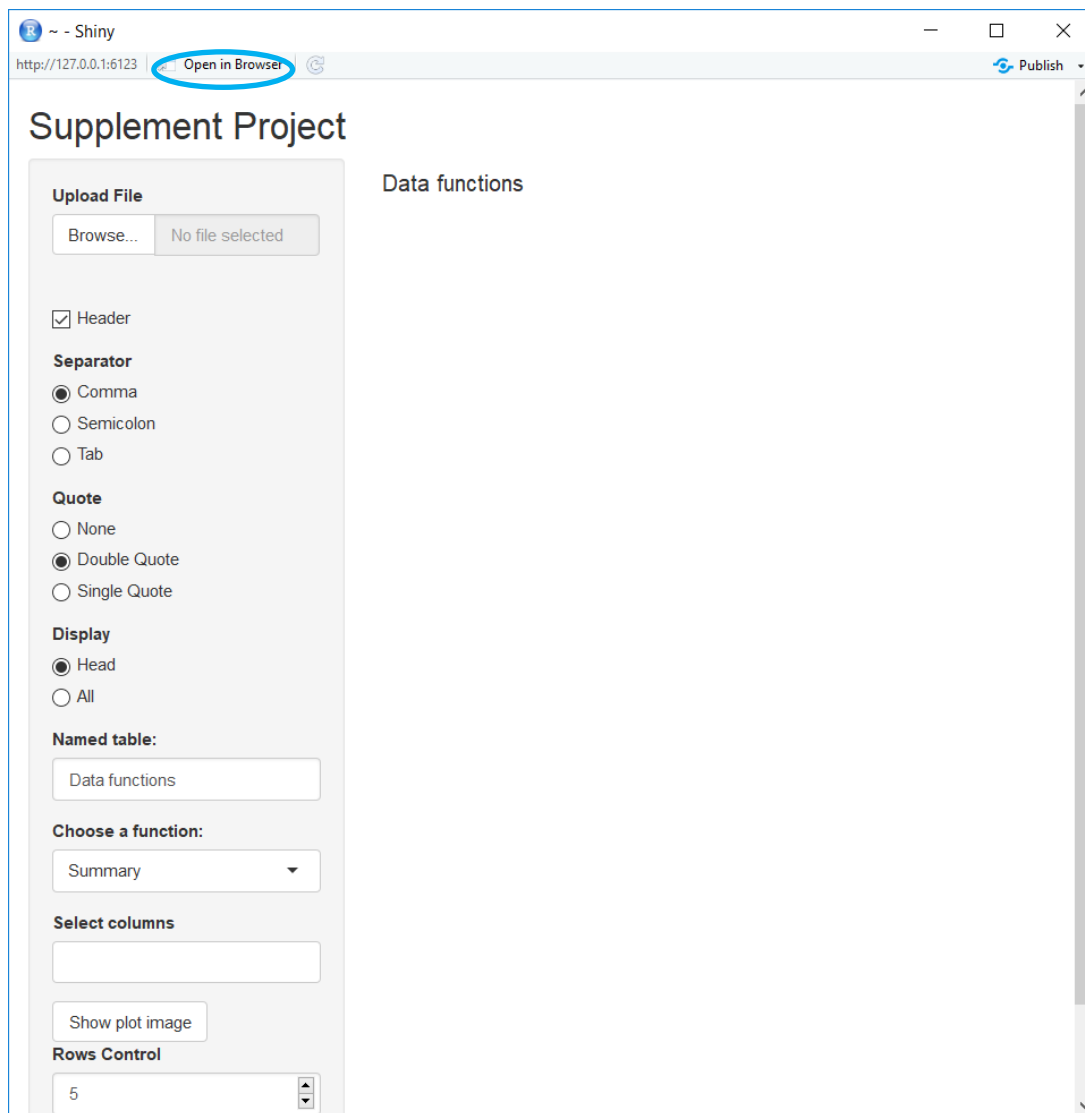
source('Datapath/server.R')

shinyApp(ui = ui, server = server)
```

Then the user will have this code in R studio:

Listening on <http://127.0.0.1:6123>

And user interface will automatically pop up:



In this interface, user also can run this app in browser (the upper left corner)

We run this app in next steps:

1. According the upload file format to choose the separator, quote and display, and then click 'Browse' button to upload file. Use 'Row control' to show rows (default is 5)

**Attention:** the maximum size is 30M, if user want to upload a bigger size, they can change the second line's code `.maxRequestSize=30*1024^2`

Eg: `50*1024^2` means max size is 50M and so forth.

2. The app will display the summary (min, 1<sup>st</sup> & 3rd quantiles, max, mean and median) automatically:

Upload File

Browse... min.mid.mean.max.csv

Upload complete

☒ Header

Separator

☒ Comma

☐ Semicolon

☐ Tab

Quote

☐ None

☒ Double Quote

☐ Single Quote

Display

☒ Head

☐ All

Named table:

Data functions

Choose a function:

Summary

Summary

Mod

Standard deviation

Covariance

Correlation

Linear regression

T-Tests

ANOVA

Data functions

X

Mode: logical

NA's: 6

1st Qu.: 0.0000

3rd Qu.: 0.2400

Max.: 41.4900

Mean.: 0.2647

Median.: 0.0800

Min.: 0.0000

X...NA\_Sales

1st Qu.: 0.0000

3rd Qu.: 0.04000

Max.: 10.22000

Mean.: 0.07778

Median.: 0.00000

Min.: 0.00000

X...EU\_Sales

1st Qu.: 0.00000

3rd Qu.: 0.1100

Max.: 29.0200

Mean.: 0.1467

Median.: 0.0200

Min.: 0.00000

X...JP\_Sales

1st Qu.: 0.00000

3rd Qu.: 0.04000

Max.: 10.22000

Mean.: 0.07778

Median.: 0.00000

Min.: 0.00000

X...Other\_Sales

1st Qu.: 0.00000

3rd Qu.: 0.04000

Max.: 10.57000

Mean.: 0.04806

Median.: 0.01000

Min.: 0.00000

X...Global\_Sales

1st Qu.: 0.0600

3rd Qu.: 0.4700

Max.: 82.7400

Mean.: 0.5374

Median.: 0.1700

Min.: 0.0100

X	X...NA_Sales	X...EU_Sales	X...JP_Sales	X...Other_Sales	X...Global_Sales
NA	Min.: 0.0000	Min.: 0.0000	Min.: 0.00000	Min.: 0.00000	Min.: 0.0100
NA	1st Qu.: 0.0000	1st Qu.: 0.0000	1st Qu.: 0.00000	1st Qu.: 0.00000	1st Qu.: 0.0600
NA	Median.: 0.0800	Median.: 0.0200	Median.: 0.00000	Median.: 0.01000	Median.: 0.1700
NA	Mean.: 0.2647	Mean.: 0.1467	Mean.: 0.07778	Mean.: 0.04806	Mean.: 0.5374
NA	3rd Qu.: 0.2400	3rd Qu.: 0.1100	3rd Qu.: 0.04000	3rd Qu.: 0.04000	3rd Qu.: 0.4700

In the 'Named table' panel you can name your analyses' result randomly.

3. In 'choose a function' there're some selection: **summary, mod, standard deviation, covariance, correlation, linear regression, T-tests and ANOVA**. The result will output in the right side. 'Correlation' and 'Linear regression' have a plot function, and 'Correlation' needs users to wait a few seconds.

4. Click close button or stop in R studio can terminate this app.