

This document will help you run the shiny web application created for analysis of University data using shiny dashboard.

Follow the guidelines below to run the app:

- Once you open the application in R Studio, make sure you have the following packages already installed in your R Studio.

(shiny)

(shinydashboard)

(quantmod)

If above packages are not installed, you can install them using the command:

```
install.packages("package_name")
```

These packages will be used to run the application.

- In this application we are using, "university.csv" data file which has been derived from the dataset "university.xlsx" provided.
- Make sure your working directory is same as the location of your data files.
- Also, make sure that the path provided to import csv file in R Studio is correct according to the location of the file in your directory in the following command (highlighted in bold) :

```
university_ranks <- read.csv("university.csv", colClasses = "character", as.is =  
c("Ph.D.s.granted", "Rank", "School.name", "Total.graduate.engineering.enrollment", "Avg.GRE.Quant.Sco  
re.masters.and.PhD."))
```

- Once the complete code is loaded in R Studio, on the right top corner of the script window, you can see a run app button.
- Use this button to run this shiny app on your system. (The app will automatically pop up in your default browser)