1. What are the different data structures in R, briefly explain them?

R's basic data structures include **the vector, list, matrix, data frame, and factors**. Some of these structures require that all members be of the same data type (e.g., vectors, matrices) while others permit multiple data types (e.g., lists, data frames)

1. how can you load a .csv file in r?

**The read.** **CSV () method in base R is used to load a.CSV file into the present script and work with it**. The contents of the CSV can be stored into the variable and further manipulated.

1. What are the different components of a grammar of graphics?

* Statistical transformation (stat)
* Geometric object (Geom)
* Position adjustment (position)
* Scale.
* Coordinate system (coord)
* Faceting (facet)
* Defaults. Data. Mapping.

1. what is R markdown? what is its use?

R Markdown is a file format to prepare dynamic documents in R. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents.

It contains a user-friendly plain text format just like the Markdown option in the Jupyter notebook for Python.

It contains small fragments of embedded R code which usually has an HTML document as its output.

1. how do you install a package in R?

* In RStudio go to Tools → Install Packages and in the Install from option select Repository (CRAN) and then specify the packages you want.
* In classic R IDE go to Packages → Install package(s), select a mirror, and install the package.