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Intro\_toR

1.

-The code is written into the source

-The code is then output in the console

-The plots will populate in their own section labled "plot"

-The global environment is an interactive workspace for every command

-There are several ways to get help for a function, there is the help tab in the bottom right panel, there are also commands for help help() or ?

-R Packages can be a variety of extensions for R, they can be packages of code, data sets, etc.

-Functions are a collection of self-contained group of codes to perform tasks

-The installed packages are in the packages tab in the bottom right panel, the ones that are loaded have a checkmark beside their name

-The working directory is a file path on the computer to set the default location it can be found using the find\_up() command

2.

To set up an R project that is connected to a GitHub repository you need to first have a GitHub and create a GitHub repositor. Then in RStudio create a new version control project with Git. Then you can push the project to the repository on GitHub.

3.

-Vector data classes are a basic type of data structure in R and are homogenous meaning that they only contain elements of the same data type, they are created using the command c()

-A data frame builds upon the concept of vector data sets because a data frame set is a list of equal-length vectors. It is the most common way to store data in R and is common for data analysis.

-A matrix is a data set which is arranged in a series of columns and rows, they are objects in R and can be created with the command matrix(). They are a very commonly used for datasets which have the same data type.