

Practice the following 10 commands in Your R

Commands	Explanation
<code>Lab31 &lt;-read.csv ("C:\\Users\\lchen\\Downloads\\Data\\census2000.csv", header=T)</code>	Define the dataset Update your own path to the data file Pay attention to quotation marks if not running
<code>class(Lab31)</code>	View its class
<code>dim(Lab31)</code>	View its dimensions: rows, columns
<code>names(Lab31)</code>	View its column names
<code>str(Lab31)</code>	View a condensed summary of the data or the structure of a dataset (str)
<code>install.packages("dplyr")</code>	Install the library dplyr
<code>library("dplyr")</code>	Load the library dplyr
<code>Lab31_1&lt;-distinct(Lab31)</code>	Remove duplicate rows based on all columns and then define the second dataset without duplicate records
<code>Lab31_2&lt;-subset(Lab31_1,Lab31_1\$RegionDensityPercentile!="NaN")</code>	Delete records with impossible values in RegionDensityPercentile and define the third dataset
<code>plot(Lab31_2\$Longitude,Lab31_2\$Latitude, main="US Regions", xlab="Longitude", ylab="Latitude")</code>	Generate a plot using Longitude and Latitude Extra arguments are used to define an overall title, a title for x axis, and a title for y axis

Note: When copying the commands in your R, some problems may occur (esp. quotation marks).

This practice is not required, but you are recommended to accomplish it by typing these commands manually.