Function 1 tutorial

* Input Arguments
  + Year: An integer. If a year is given, e.g. 2006, the data from year 2006 will be extracted.
  + State: A character that indicates a specific state. It must be all capitalized. e.g. ‘WISCONSIN’, which is the default.
  + Data: The name of data set read from local. This data set is prepared by our team.
* Outputs
  + When the year equals a specific year, three plots will be produced for that specific year and selected state.

1. Run the function visual.fun with your desired arguments, and assign it to a variable, e.g. fig.

2. Run the command: fig$Barplot.by.area, will generate bar plot of different types of crime by areas (‘M’. ‘R’, ‘O’)

3. Run the command: fig$Barplot.by.type, will generate bar plot of total number of crimes by different crime type

4. Run the command: fig$Spineplot will generate spine plot of different crime types in each area