

Assignment 3 - GGPlot2

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In the previous two assignments we have used the data which was:

1. Available as a part of the base R installation (Assignment 1)
2. Dataset which is available in external packages such as MASS (Assignment 2)

In this 3rd assignment we will import data from a .csv file which I created using MS Excel. Download the file ICSales.csv from the resources listed in this lecture.

Import this file in R Studio, using File > Import Dataset > From CSV ...

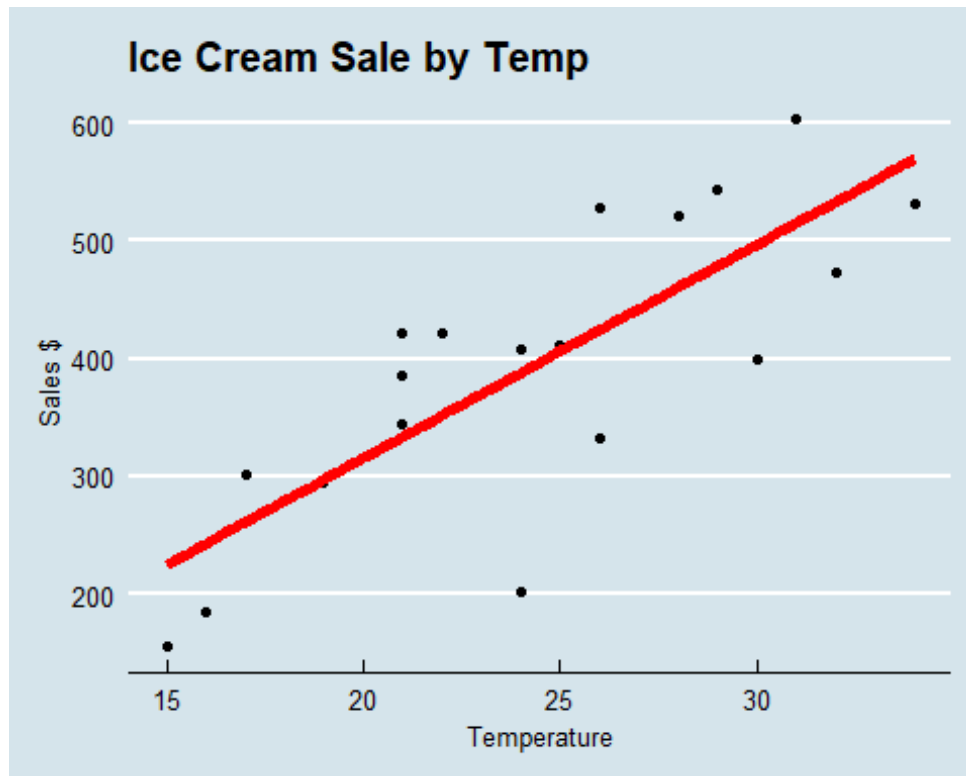
Following code will run and save this dataset in R.

```
library(readr)
ICSales <- read_csv("D:/_R Graphics/R Markdowns/ICSales.csv")
# The path shown above will change on the location where you saved the CSV
file
View(ICSales)
```

Question 1:

Using the GGPlot2 command, plot the following Scatter Plot: (Dataset used for this plot is **ICSales**, which you imported above)

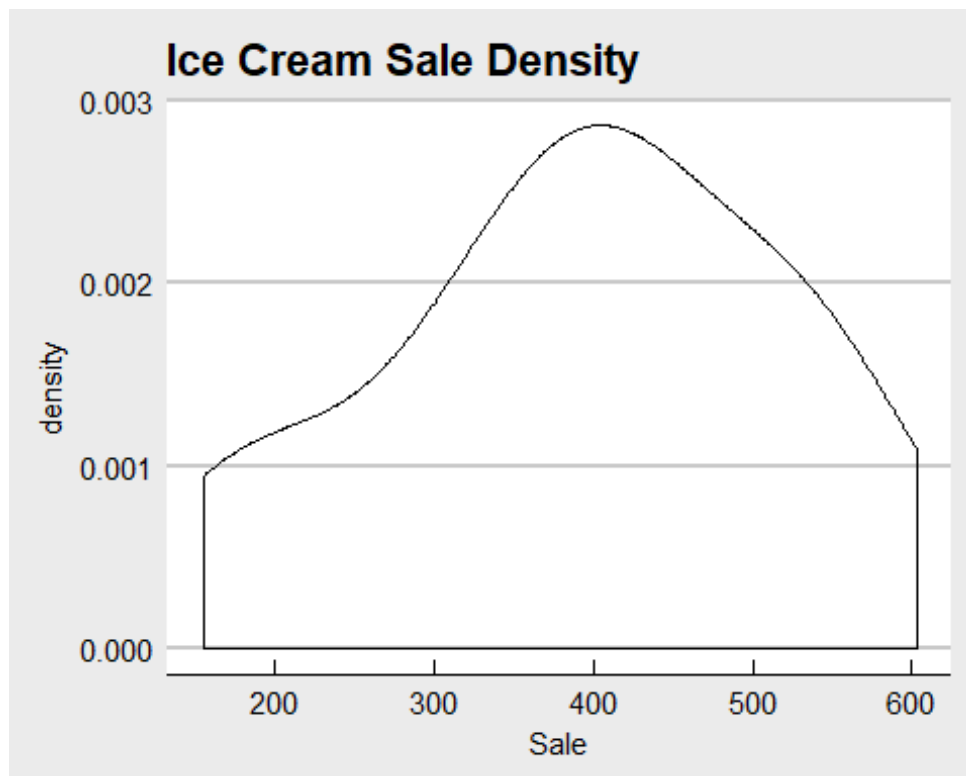
Theme used is theme_economist available in **ggthemes** package. You will need to install (if you have not yet) and load this package.



Question 2:

Using the same dataset ICSales, plot the density distribution of sales.

Theme used is theme_economist_white available in **ggthemes** package. You will need to install (if you have not yet) and load this package.



Question 3:

Lets use the **mtcars** dataset available in base R package and plot the following:

