**Easy**

In the Infant Mortality data set, visualize the following:

1. Summary Statistics of the dataset.

2. Draw histogram and boxplots on the same graph area (hint: 2 subplots)

3. Group the above income histogram by region (hint: Use Facetgrid)

Read about the data: <https://vincentarelbundock.github.io/Rdatasets/doc/car/Leinhardt.html>

**Moderate**

In the Professor’s salaries data set, visualize the following:

Find out the relationship between the years of experience and the salaries drawn by professors.

Show the variation in salaries that is seen among different Ranks and Disciplines

The single output chart should have X axis named as “Years of Experience” and Y axis named as “Income of Professors” and title “Professor’s years of Experience vs Income Level ” and all the dimensions mentioned above.

Do give an insight or two on what you observe from it.

Read about the data: https://vincentarelbundock.github.io/Rdatasets/doc/car/Salaries.html

**Hard**

In the ‘Treatment of Migraine Headaches’ data set, visualize the following:

1. Showcase in a suitable graph the relationship of time (time in days relative to the onset of treatment, which occurs at time 0) with headache occurrence for patient ids from 1 to 10
2. What is the relationship between Air Quality and headache occurrence for different gender types

Read about the data:https://vincentarelbundock.github.io/Rdatasets/doc/car/KosteckiDillon.html