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Subject = Scripting language / R language

Ans 3 We're using here Titanic dataset to analyze:

Load data:

⇒ `titanic <- read.csv("C:/user/Desktop/titanic.csv", header = TRUE, skip = 1)`

Peek at your data:

⇒ `view(titanic)`

This help us for familiarising with the data set.

⇒ `head(titanic, 10)`

return first 10 rows

⇒ `tail(titanic, 10)`

return Bottom, 10, rows.

⇒ `names(titanic)`

This helps us in checking out all the variables in the data set.

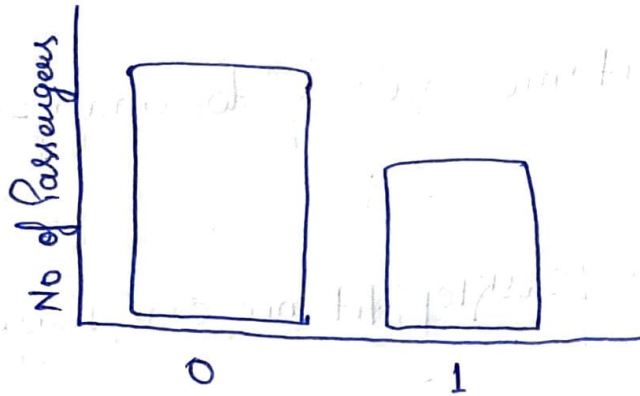
⇒ `summary(titanic)`

It is one of the most important function that help in summarising each attribute in the dataset.

## Analysis & Visualization:

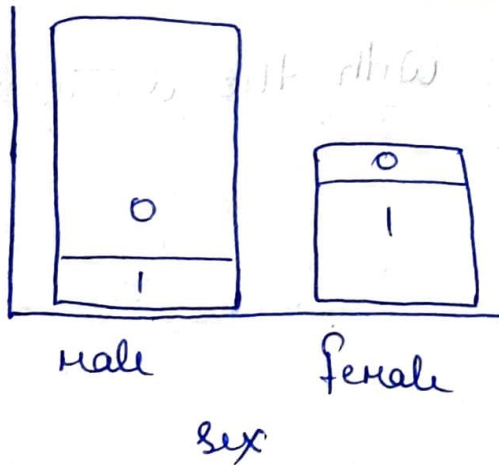
- Survival rate:

`gg plot (titanic, aes (x=survived)) + geom_bar()`



Survived  
☐ 0  
☐ 1

- Survival rate based gender



Survived  
☐ 0  
☐ 1

`gg plot (titanic, aes (x=Sex, fill=survived)) + theme_bw() + geom_bar()`

`labs (y = "Number of passenger",  
 title = "Survival rate by gender")`