

Q3-Ans- we are using here Titanic data set to analyze.

load data:

=> `titanic <- read.csv("C:/user/desktop/titanic.csv", header =
True, sep = ",")`

Peek at your data:

=> `view(titanic)`

This help us for dealing with the data set.

=> `head(titanic, 10)`
return first 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.

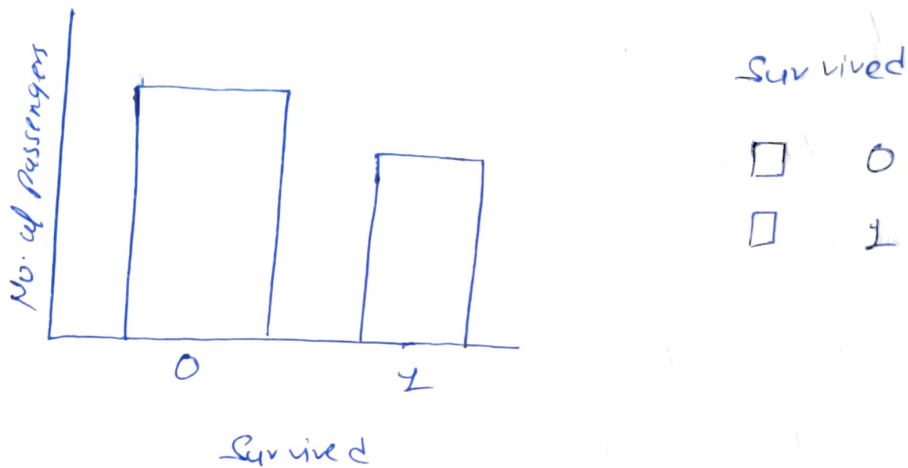
It gives the descriptive statistics of the data.

Amit

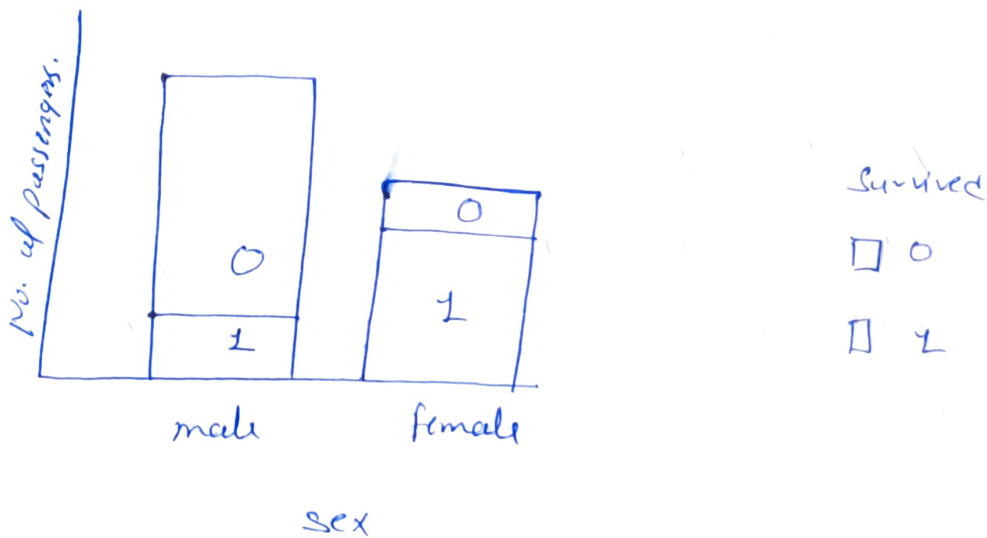
Analysis & Visualization

• Survival rate:

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



• Survived rate based gender:



```
gg plot ( titanic, aes ( x = Sex, Fill = Survived)) + theme_bw() +  
geom_bar()
```

```
labs (y = "Numbers of Passengers",  
title = "Survived Rate by Gender")
```