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Course: MCA 1st D

Sign: 

Subject: SI & R programming Roll No: 2101214

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S. code: PMC-103

Odd End Sem Exam (Regular)

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Answer 3

We are using Titanic dataset to analyze
load data:

```
titanic <- read.csv("d:/work/desktop/titanic.csv", header = TRUE, sep = ",")
```

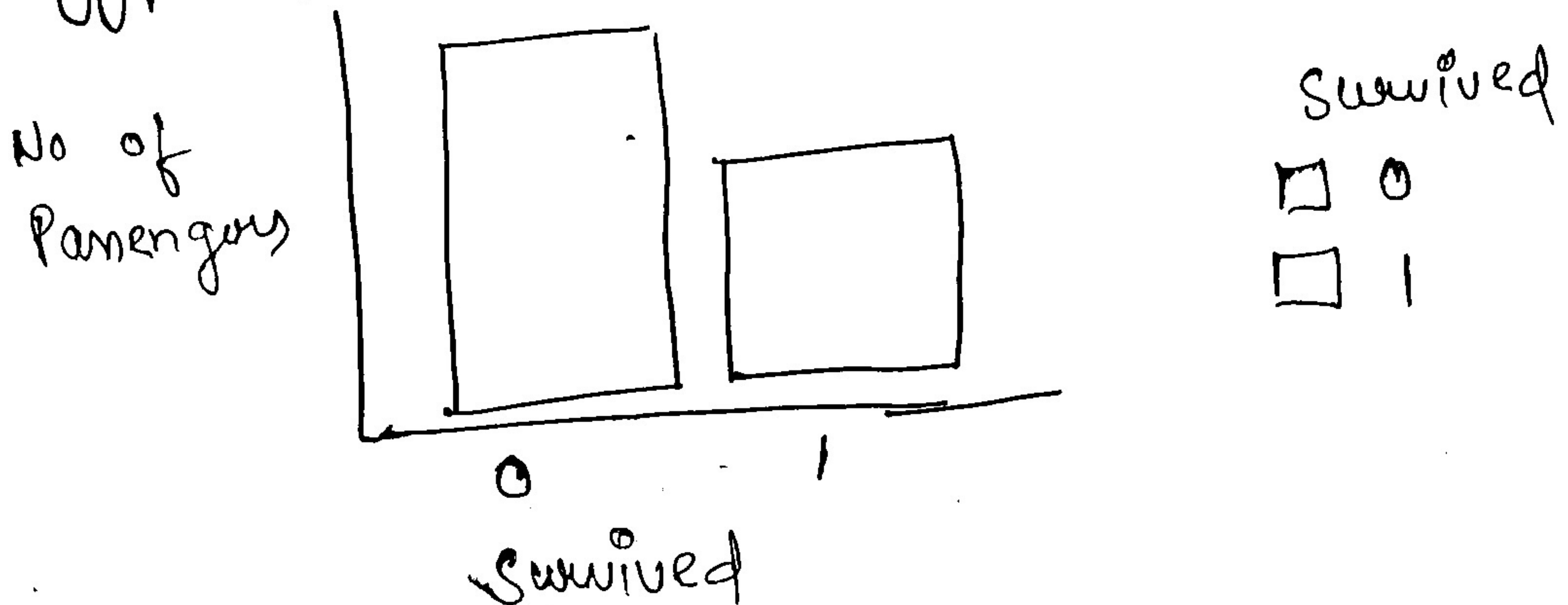
Peek your data

- view (Titanic)
this help us to familiarising with the dataset.
- head (Titanic)
return first 10 rows
- tail (Titanic)
return bottom 10 rows
- names (Titanic)
This helps us in checking all the variable in the data set.
- summary (Titanic)
It is one of the most important functions that help in summarising each attribute in the dataset.
It given the descriptive statistics of the data.

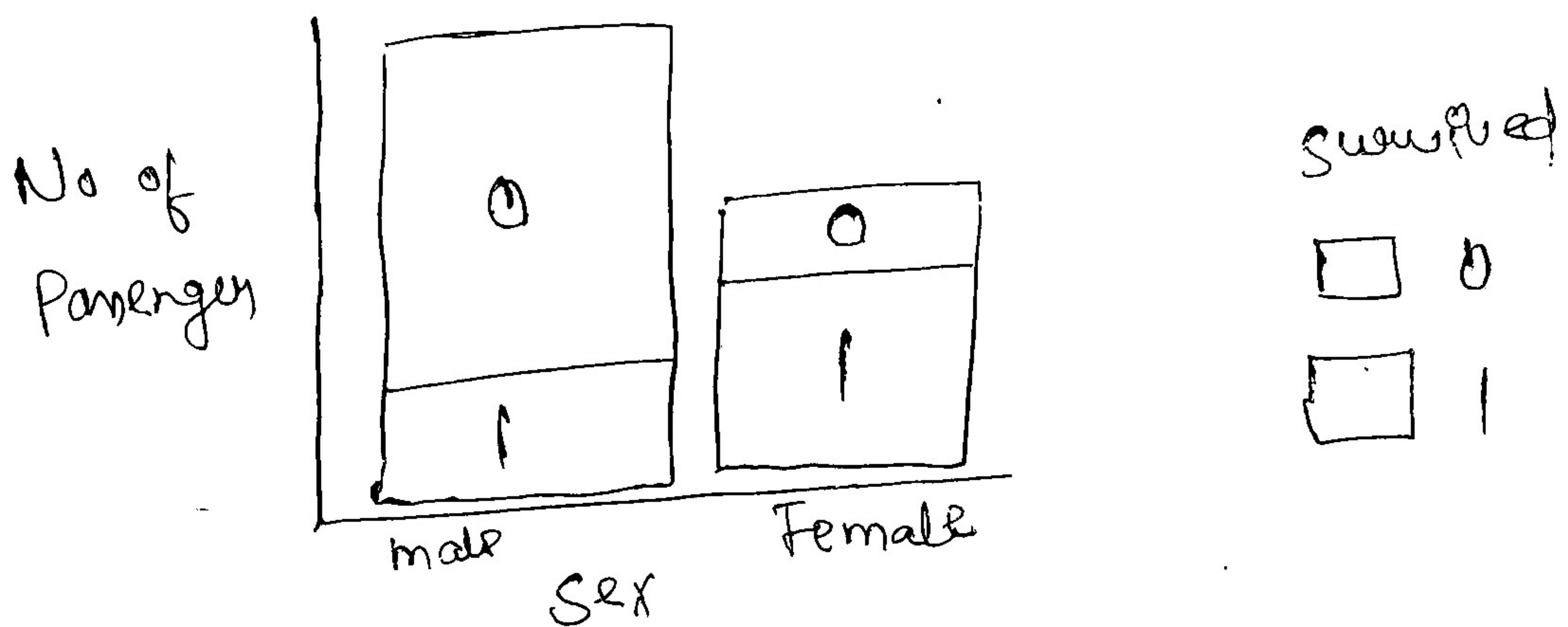
• Analyze & Visualization

• Survival Rate:

```
ggplot(Titanic, aes(x = survived)) + geom_bar()
```



• Survival rate based genders:



```
ggplot(Titanic, aes(y = sex, fill = survived)) +  
  theme_bw() + geom_bar() +  
  labs(y = "Number of passengers",  
       title = "Survival Rate by Gender")
```