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Course MCA 1st C
Subject R programming
S. Code PMC 103

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Odd End Sem Exam (Regular)

Answer 3

We are using Titanic dataset to analyze

load data:

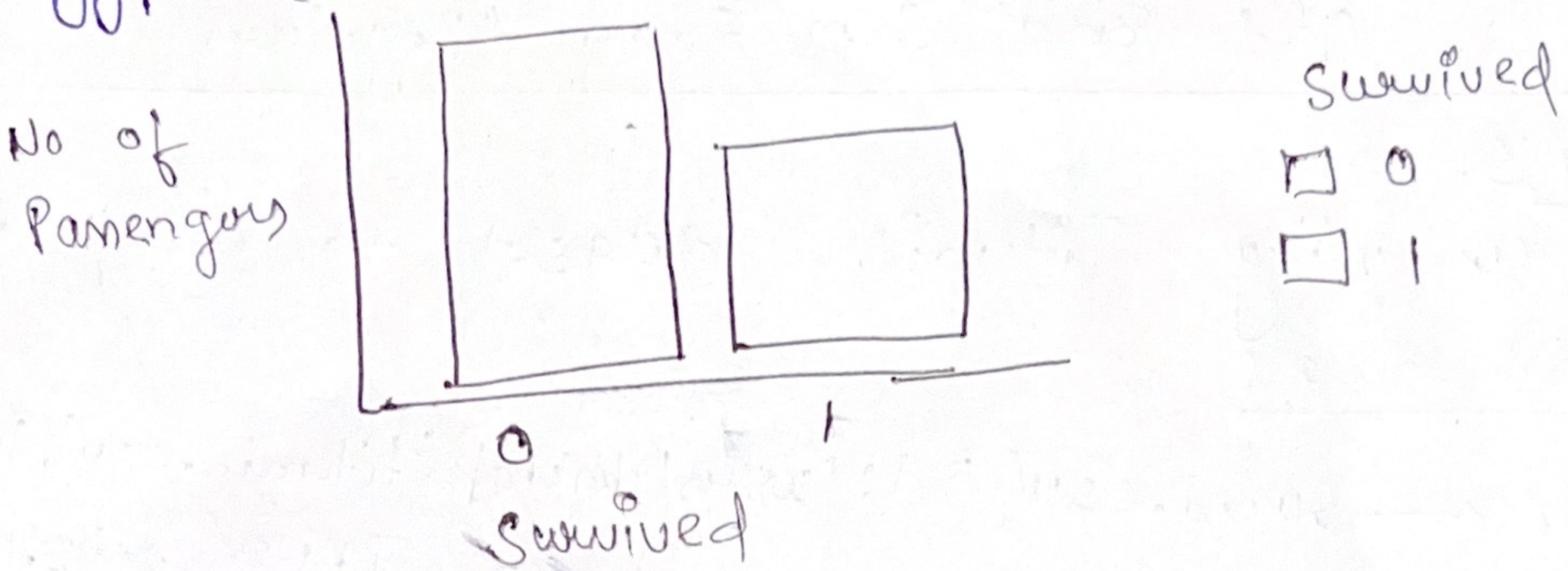
```
titanic <— read.csv("d:/users/desktop/titanic.csv", header.
                    TRUE, sep=",")
```

Peek your data

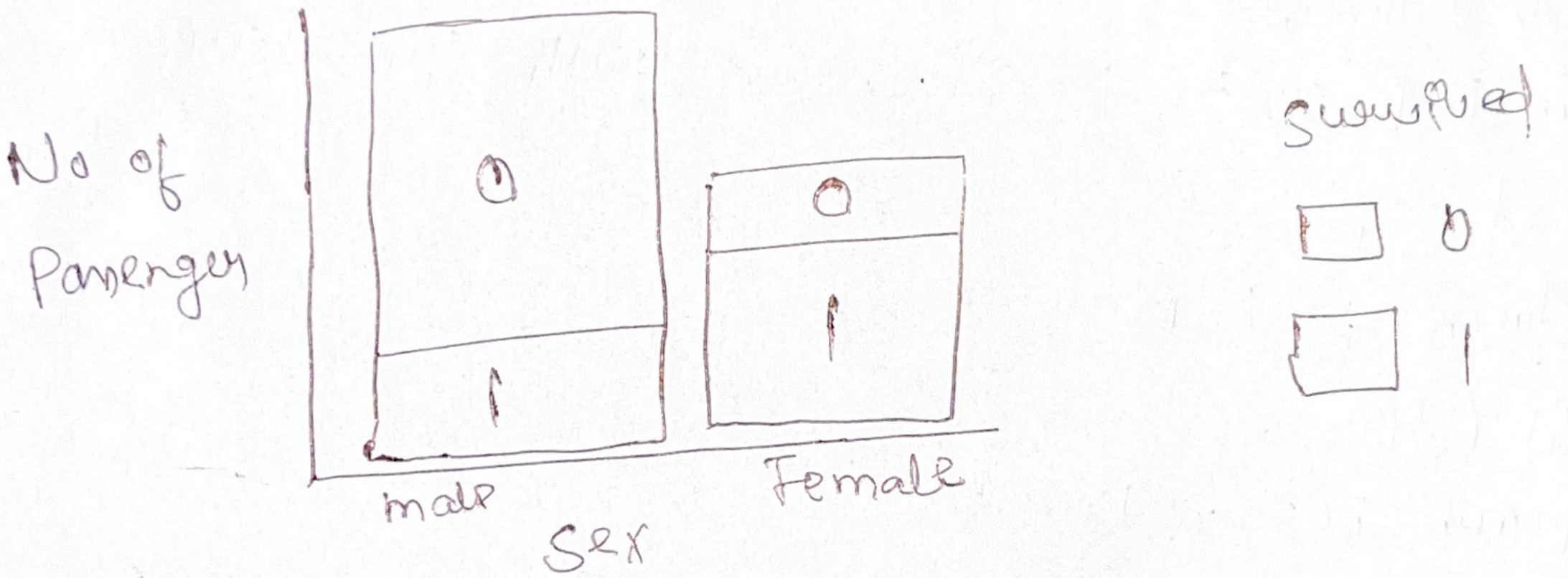
- View (Titanic)
  this help us to familiarizing with the dataset.
- head (Titanic)
  return first 10 rows
- tail (Titanic)
  return bottom 10 rows
- names (Titanic
  This helps us in checking all the variable in the data set.
- Summary (Titanic)
  It is one of the most important functions that help in summarising each attribute in the dataset.
  It given the discriptive 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 passenger",
    title = "survival Rate by Gender")
```