

# Assignment 11: Surviving the Titanic

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## Exercise 1

```
library(readr)
library(dplyr)

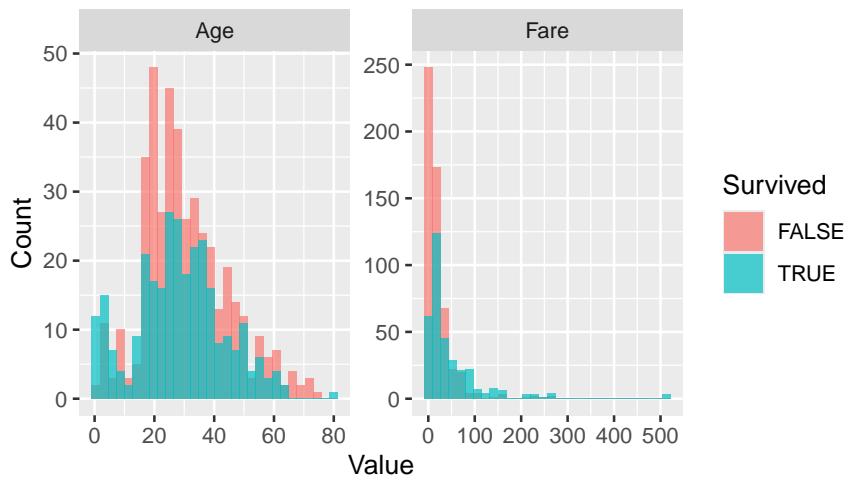
train_df <- read_csv(
  file = "train.csv",
  col_types = cols(
    Pclass = col_character(),
    SibSp = col_character(),
    Parch = col_character()
  )
)

train_df <- train_df %>%
  mutate(did_survive = as.logical(Survived))
```

## Exercise 2

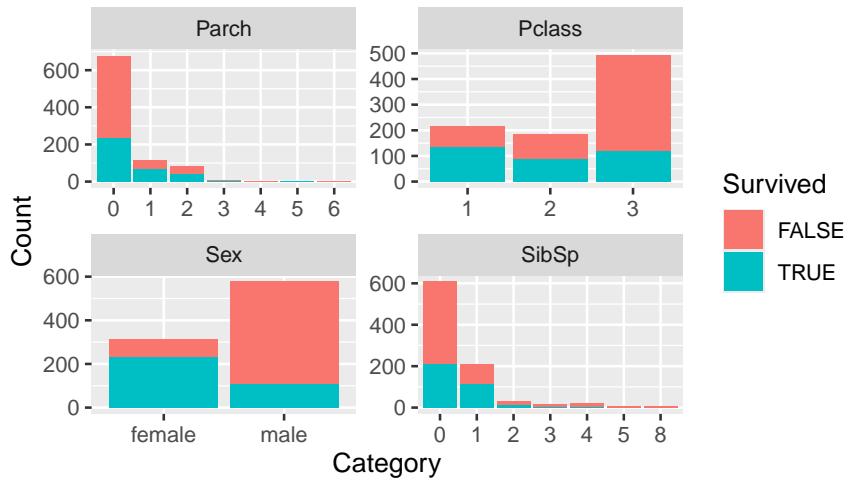
```
## Warning: Removed 177 rows containing non-finite outside the scale range
## ('stat_bin()').
```

### Distributions of Age and Fare by Survival Status



### Exercise 3

#### Categorical Variables and Survival on the Titanic



### Exercise 4

### Exercise 5

### Exercise 6

### Exercise 7

### Exercise 8

### Bonus Exercise

If you choose to do the bonus exercise, write your code here. Otherwise you can delete this section.

## **Academic Integrity statement**