

# R studio and R Markdown

A Waite

## Dataset

```
summary(cars)
```

```
##      speed      dist
## Min.   : 4.0   Min.   : 2.00
## 1st Qu.:12.0  1st Qu.: 26.00
## Median :15.0  Median : 36.00
## Mean   :15.4  Mean   : 42.98
## 3rd Qu.:19.0  3rd Qu.: 56.00
## Max.   :25.0  Max.   :120.00
```

```
cars
```

```
##      speed dist
## 1        4    2
## 2        4   10
## 3        7     4
## 4        7   22
## 5        8   16
## 6        9   10
## 7       10   18
## 8       10   26
## 9       10   34
## 10      11   17
## 11      11   28
## 12      12   14
## 13      12   20
## 14      12   24
## 15      12   28
## 16      13   26
## 17      13   34
## 18      13   34
## 19      13   46
## 20      14   26
## 21      14   36
## 22      14   60
## 23      14   80
## 24      15   20
## 25      15   26
## 26      15   54
## 27      16   32
## 28      16   40
## 29      17   32
## 30      17   40
```

```
## 31    17   50
## 32    18   42
## 33    18   56
## 34    18   76
## 35    18   84
## 36    19   36
## 37    19   46
## 38    19   68
## 39    20   32
## 40    20   48
## 41    20   52
## 42    20   56
## 43    20   64
## 44    22   66
## 45    23   54
## 46    24   70
## 47    24   92
## 48    24   93
## 49    24  120
## 50    25   85
```

**List of vehicles:**

- cars
- motorbikes
- mopeds
- tricycles
- bicycles
- scooters

**Risks involved:**

1. accidents with other vehicles
2. accidents involving stationary objects
3. accidents involving pedestrians