

E:\JNEC\BE\Sem1\DS\09-07-24.R

```
1  titanic = as.data.frame(Titanic)
2  str(titanic)
3  mean(cars$speed)
4  median(cars$speed)
5  mean(cars$dist)
6  median(cars$dist)
7  mode(cars$speed)
8
9  table(cars$speed)
10 which.max(table(cars$speed))
11
12
13 Mode= function(x){
14   n = table(x)
15   n[which.max(n)]
16 }
17
18 Mode(cars$speed)
19 Mode(cars$dist)
20
21 sum(cars$dist)
22
23
24 var(cars$speed)
25 var(cars$dist)
26
27 sqrt(var(cars$speed))
28 sd(cars$speed)
29
30 sd(cars$dist)
31
32 range(cars$speed)
33 range(cars$dist)
34
35
36 hist(cars$speed)
37 lines(cars$speed)
38
39
40 hist(cars$dist)
41
42 y = boxplot(cars$dist)
43 y$out
44
45
46 plot(density(cars$speed))
47 plot(density((cars$dist)))
48
```

```
49 skewness(cars$dist)
50
51 skewness(cars$speed)
52
53 kurtosis(cars$speed)
54 kurtosis(cars$dist)
55
56
57 qqnorm(cars$speed)
58 qqline(cars$speed)
59
60 qqnorm(cars$dist)
61 qqline(cars$dist)
62
63 qqnorm(log(cars$dist))
64 qqline(log(cars$dist))
65
```