Name: Yogesh Negi
Roll no: 2101255
Sec: 'C'
Sub: Scripting lang

Ans 4: Descriptive statistics

Summary: Give us the discriptive stat's like.

In Case of Numerical data:

Give Mean, Mode, Median, Range.

Meane of Control Tendency:

-> mean (titanic $fare)
32.20421

-> Mode [titanic $ Age) [Most Common age on titanic]
24

-> Median (train $ fare)
14.542

Measure of Spread:

=> Range (titalic $fire) [It show lowest and higest value of fare]
0.000 512.3292

=> Var (titanic $ fare)
2469.437

=> sqrt var (titmic $ fare)
49.69343

Inferential Statistics:

Hypothesis Testing: new data ← subset (titanic, :1)

```
= test2 = function (a, b, c) {
    Sample mean = mean(a)
    Pop mean = mean(b)
    c= nrow(n)
    var.b = var(b)
    beta = (Sample.mean - Pop.mean)/sqrt(var.b/c)
  return.zeta.
```

#Call function:

z.test (new.data $ Survival, titanic $ Survival, new-data)

7.423828