Ansyy

Descriptive statics:-

Summary :- Give us the descriptive set like in case of Numerical data:-

Given mean, mode, median, Range.

Measure of Central Tendency.

⇒ mean (titanic $fare)

32.2043

[on Avcage person spent $32 to board the titanic]

⇒ mode (titanic $Age)

24

[mode common Age on titanic]

⇒ median (train $ fare)

14.542

Measure of speed

range (titanic $fare)

0.00 512.3292

[It show towest & highest value of fare]

→ Var (titanic $fare)

2469.437

= Sqrt (Var (titanic $fare)

49.69343

Inferential statistics :-

Hypothesis Testing :-

new.data <- subset (titanic, $ pclass == 1)

* test2 = function (a, b, c) {

sample.mean = mean (a)

pop.mean = mean (b)

c = nrow (n)

Var b = Var (b)

data = (sample_mean, pop-mean) / sqrt (Var.b/c)) }

return data.

Call function :-

2. test2 (newdata $ survived, titanic $ survived, new-data)

= 7.423828