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Course - MCA (First Semester) (Section B)

Paper Name -

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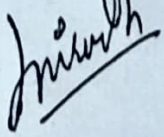

Descriptive Statistics

Summary - gives us the descriptive stats type

In case of Numerical State data

Gives mean, mode, median, Range

measures of central tendency

=> mean (Input $ Salary)

656.8

=> mode (Input $ ~~State data~~ department)

IT

=> median (Input $ Start_date)

2014-05-11

=> measure of spread

~~Range (Input $ Start_date)~~

Range (Input $ Salary)

515.2

min

843.25

max

⇒ Var(Input $ ~~dept~~ Salary)

102.43

⇒ Sqrt(Var(Input $ Salary)

24.6934

⑧ Inferential Statistics.

Hypothesis Testing

new.data ← Subset(distoni, $Species == 1)

⇒ Ttest2 = function(a,b,c){

Sample.mean = mean(a)

pop.mean = mean(b)

n = nrow(n)

Var = Var(t)

data = (sample.mean, pop.mean)/Sqrt(Var/c))

return data

Call function

2. Ttest(new data $ sepwin, Input $ Short-data,

new.data)