## **INeuron Statistics Assignment**

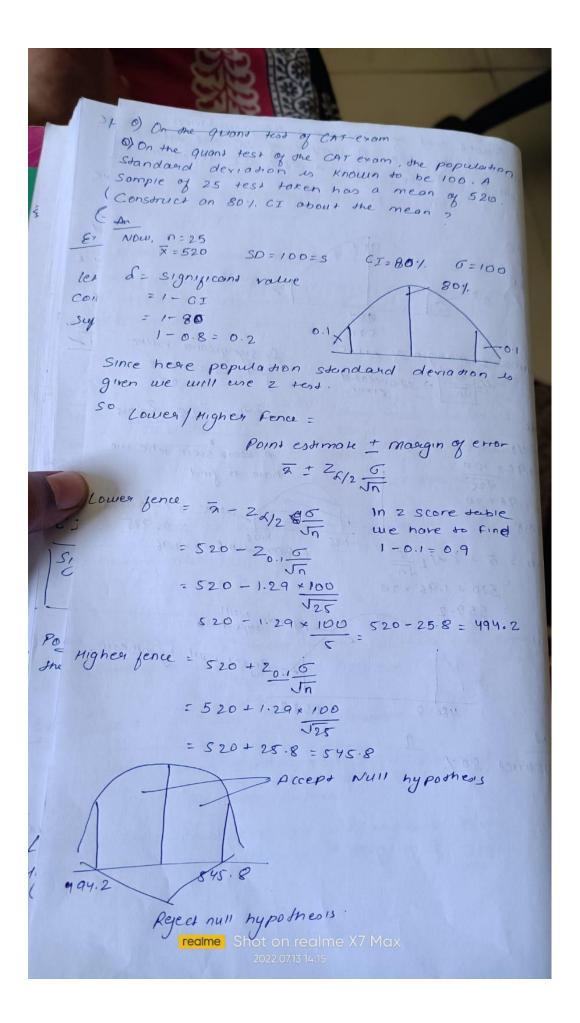
Evample

$$Eg: 10, 13, 18, 2\bar{2}, 27, 32, 38, uo, u\bar{s}, \bar{s}i, \bar{s}6, \bar{s}7, \bar{s}8, 90, 92, 94, 99$$

Bin: 5

Bin Size: 20.

Teoline Stor on reclime X7 Max axiora issue.





value -> Accept the null hypomesis.

0) A cal company betieves that the percentage of siexalens in city ABC shar owns a venide is boy, or less. A sales manager desagrees with this. He conducts a hypothesis testing sucreeying 250 residents and found mat 170 responded yes so owing, a veride

(a) state the Null or Alternate hypothesis

(b) At 10%. signy icance level is there enough evidence to support the idea that the vehicle ownership in City ABC & 60% or len?

Null hypothesis = de : Ho = Po7,60 1. H, = P, < 60%

 $\hat{P} = \frac{n}{c} = \frac{170}{250} = 0.68$ 

90=1-80=1-0.6=0.4

(3) 8=101. = +01:0.9 (6=1-0.9=0.1) 10/1. significance

£-0.9

In z score duble 1-0.45 = 0.55 = 0.13

Since 2.6671.28

reject Ho (Null hypothesis) which means relice owner are less than 60%.

1) In 1cft & Right skewed data, what is relationship between mean, median, mod Draw the graph to represent the same In lest skewed / Negotive skew mode median mean Here in left skew relationer rest mean & median & mode Right skew/ Positive skewness - mode median gordanis Mere in Right skew mean > median > mode