Assignment -1

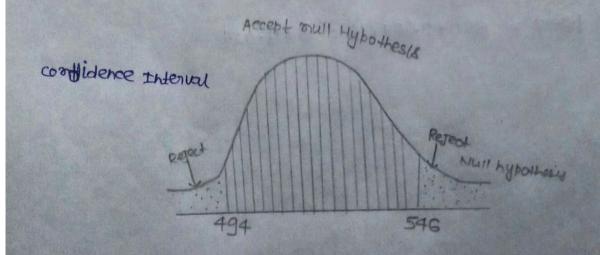
In the quant test of CAT equan the population standard devication is known to be 100. A same of 25 test taxens has a mean of 520. Construct a 80%. CI about mean?

C.T = 804.

coordidence Interval = point estimate + margin of errors

$$z = 0.20$$
 $z = 0.20$, $z = 0.10 = 1.3$

Lower tence =
$$\sqrt{1-20}$$



Assignment - 2

How a smean of 520 With a sample standard deviation of 80 constant 95%. CI about the means?

T = 520 S=80 C.I = 951. m=25

Condidence interval = point estimate ± margin of error

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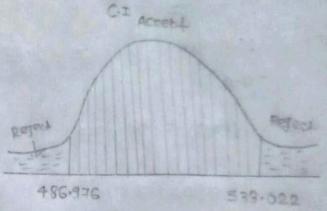
x = 1-0.95 = 0.05

Degree of freedom

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25-1 -24

to = 2.069



Tomes tence = x-+x 5

= 520 -2.06×80

= 520-2.064×8016

=520-2.064X16 353024 486.976

Higher fearce = 520+2.064×16 = 558.024