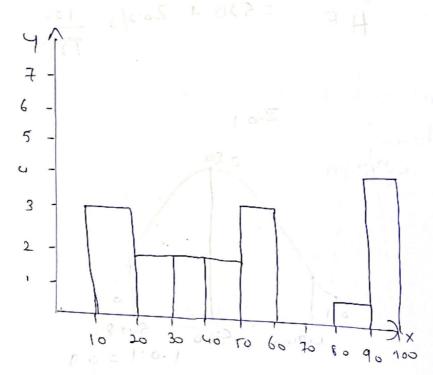
1.) Plot a histogram

10, 13, 18, 22, 27, 32, 38, 40, 45, 51, 56, 57, 88, 90, 92, 94, 99

Taking Bin = (0 Bin Size = 10 = 10

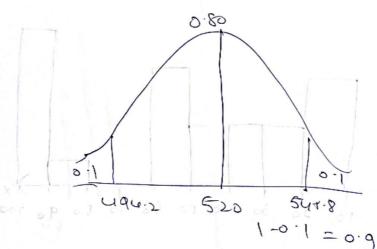


2.) In a Quent test of CAT Exam, He population Stordard Jeviation is Lenoum to be 100. A sample of 2r tests mean = 520 C.I = 80.1. about the mean

Somple mean à = 520

ur use z-test





First S.D. for o.a from 2-table we get ~ 1.29

3.) perentage of citizens in ABC au 60.1. on less -) population data M=1250 170/200 responded yes to owning a Vehille rull hypothesis Pi=Pz Alternate hypotheria PI < P2 $2score = \int_{1}^{3} -\beta_{2}^{2}$ [p(1-p) x [-1+1/2 Jon 0=10-1:0 (I = 90.1. P1 = 60/100 = 0.6 P2 = 170/200 = 0.68 $p^2 = \frac{21+312}{10+210} = \frac{60+170}{100+210} = 0.65$ - 0.6-0.68 - 0.6-0.68 - 0.6-0.68 20.08 11.0 × 1000 0.018 0.01 = -0.08 = -0.08 claim is false

Resplate Burnuchile

Less then 10-1. -1.6 < -1.28 Reject rull hypothosis

