iNeuron

Session - 2022-23

ASSIGNMENT - STATISTICS

TOPIC - TO FIND CONFIDENCE INTERVAL

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Assignment - 2 In the Quant test of CAT Exam the population Starchard clarication is known to be 100. A Sample of 25 test take us as a mean 520. construct a 80% confiderce interval about mean. So: From the above problem, we have 6=100 n=25 x = 520 80% Confidence interval ~ 0.80 x= 1-0.80 = 0.20 0/2 = 0.10 20.10 = +1.29 ale know that lower fence = T- Za/2 5 = 520- Zo10 100 = 520 - 1.29 × 100

