



Data Science Interview Questions





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What is the difference between Point Estimates and Confidence Interval?





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- Point Estimation gives us a particular value as an estimate of a population parameter.
- Method of Moments and Maximum Likelihood estimator methods are used to derive Point Estimators for population parameters.
- A confidence interval gives us a range of values which is likely to contain the population parameter.





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- The confidence interval is generally preferred, as it tells us how likely this interval is to contain the population parameter.
- This likeliness or probability is called Confidence Level or Confidence coefficient and represented by $1 - \alpha$, where α is the level of significance.

