**Batch Details**

* Batch Name - Free Data Science for Freshers
* Lesson - Introduction to Data Science, Python, Statistics, Machine Learning
* 8 Days(Tuesday and Thursday)
* Day 5 - 19th Nov 2019
* Timing - 8:30 PM to 11:00 PM

**Revision ()**

* Day4\_TopicpfortheDay

Topics for Today (19th Nov **2019**) :-

* **TOC File Details - Excel Sheet**
* **Google Drive Link**
* **Training Goals / Sessions Expectations -(Previous topics covered)- Statistics - I**
* Statistics : Day5\_ StatisticsIppt/.ipynb file
* Introduction to Statistics
* Types of Statistical Analysis,
* Population and Sample,
* Variable,
* Descriptive Statistics
  + Central Tendency Measures
    - Mean,
    - Median,
    - Mode
  + Measure of Dispersion
    - Variance,
    - standard deviation
    - Quartile
    - Range
  + Measure of Shape
    - Skewness,
    - Kurtosis
* Random variables,- PPT- 25
* Probability Distribution,
  + Probability Mass Function(PMF)
  + Cumulative Density Function(CDF)
  + Percent Point Function (PPF), which is the inverse of the CDF.
  + Probability Density Function(PDF)
* Types of distribution
  + Discrete Probability Distribution
    - Bernoulli’s Distribution
    - Binomial Distribution
    - Poisson Distribution
  + Continuous Probability Distribution
    - Normal Distribution