****Revision Questions:****

1. What is PDF?(https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2842/gaussiannormal-distribution-and-its-pdfprobability-density-function/2/module-2-data-science-exploratory-data-analysis-and-data-visualization)
3. What is CDF?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2843/cdfcumulative-distribution-function-of-gaussiannormal-distribution/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
5. explain about 1-std-dev, 2-std-dev, 3-std-dev range?
7. What is Symmetric distribution, Skewness and Kurtosis?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2844/symmetric-distribution-skewness-and-kurtosis/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
9. How to do Standard normal variate (z) and standardization?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2845/standard-normal-variate-z-and-standardization/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
11. What is Kernel density estimation?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2846/kernel-density-estimation/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
13. Importance of Sampling distribution & Central Limit theoremhttps://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2847/sampling-distribution-central-limit-theorem/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
15. Importance of Q-Q Plot: Is a given random variable Gaussian distributed?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2848/q-q-plothow-to-test-if-a-random-variable-is-normally-distributed-or-not/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
17. What is Uniform Distribution and random number generatorshttps://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2850/how-to-randomly-sample-data-points-uniform-distribution/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
19. What Discrete and Continuous Uniform distributions?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2849/discrete-and-continuous-uniform-distributions/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
20. How to randomly sample data points?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2850/how-to-randomly-sample-data-points-uniform-distribution/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
22. Explain about Bernoulli and Binomial distribution?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2851/bernoulli-and-binomial-distribution/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
24. What is Log-normal  and power law distribution?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2852/log-normal-distribution/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
26. What is Power-law & Pareto distributions: PDF, exampleshttps://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2853/power-law-distribution/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
28. Explain about Box-Cox/Power transform?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2854/box-cox-transform/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
30. What is Co-variance?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2855/co-variance/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
32. Importance of Pearson Correlation Coefficient?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2856/pearson-correlation-coefficient/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
34. Importance Spearman Rank Correlation Coefficient?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2857/spearman-rank-correlation-coefficient/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
36. Correlation vs Causation?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2858/correlation-vs-causation/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
38. What is Confidence Intervals?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2859/confidence-interval-ci-introduction/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
40. Confidence Interval vs Point estimate?
41. Explain about Hypothesis testing?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2863/hypothesis-testing-methodology-null-hypothesis-p-value/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
43. Define Hypothesis Testing methodology, Null-hypothesis, test-statistic, p-value?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2863/hypothesis-testing-methodology-null-hypothesis-p-value/2/module-2-data-science-exploratory-data-analysis-and-data-visualization
45. How to do K-S Test for similarity of two distributions?https://www.appliedaicourse.com/lecture/11/applied-machine-learning-online-course/2865/k-s-test-for-similarity-of-two-distributions/2/module-2-data-science-exploratory-data-analysis-and-data-visualization