DATA SCIENCE ASSIGNMENT

Day - 17:

1. What is a probability distribution in statistics?

2. What is the mean and standard deviation of the Standard Normal Distribution (Z-distribution)?

3. In the context of probability, what does the expected value of a random variable represent?

4. How can you calculate the cumulative distribution function (CDF) for a given value in SND?

5. How would you simulate rolling a fair six-sided die and calculate its expected value?