

# DATA SCIENCE ASSIGNMENT

## Day - 19:

- 1. In the context of survey sampling, what does the term "Sampling Funnel" refer to?**
- 2. What is the primary factor contributing to sampling variation in a survey or experiment?**
- 3. Which statement accurately describes the Central Limit Theorem (CLT)?**
- 4. A study measures the heights of 50 people, finding an average height of 170 cm with a standard deviation of 10 cm. What is the 99% confidence interval for the population's height?**
- 5. Write a Python function to calculate the average score, the highest score and the lowest score. Ensure that your solution handles empty input gracefully**