# Module 1: Foundations of Statistical Thinking - Quiz

1. What is the difference between descriptive and inferential statistics?

2. Identify the data type for each:

   a. Temperature in Celsius

   b. Customer satisfaction rating

   c. Country of origin

3. A dataset has a mean of 50 and standard deviation of 10. What range captures 68% of the data in a normal distribution?

4. What is the main difference between the binomial and Poisson distribution?

5. Match the following:

   a. Median

   b. Mode

   c. Variance

   - i. Most frequent value

   - ii. Average squared deviation

   - iii. Middle value