

## DATA SCIENCE ASSIGNMENT

### DAY 5:

1. Explain the difference between a histogram and a line graph.

2. Define skewness and kurtosis. How do they describe the shape of a distribution?

3. How does kurtosis differ from skewness in terms of describing data distributions?

4. Describe the purpose of a box plot (box-and-whisker plot) in business statistics.

5. Compare positively skewed and negatively skewed distributions in terms of their shape and implications.