**Module 3 Assignment Questions**

1. What is the Central Limit Theorem?

2. Describe Hypothesis Testing. How is the statistical significance of an insight assessed?

3. What is an outlier?

4. What is the Pareto principle?

5. What are some of the properties of a normal distribution?

6. How would you describe a ‘p-value’?

7. What is the Binomial Distribution Formula?

8. When should you use a t-test vs a z-test?

9. What general conditions must be satisfied for the central limit theorem to hold?

10. How to calculate range and interquartile range?

11. What is the left-skewed distribution and the right-skewed distribution?

12. What is the benefit of using box plots?