# **Problem Question for Battle of Insights Workshops**

**Questions: Marks: (5x6) = 30**

1. What is the average transaction amount ($) across different store types, and how does it vary by season?

2. Which payment method is most commonly used in high-value transactions (above the average transaction amount), and how does it differ across cities?

3. How do the sales amounts in transactions with discounts compare to those without discounts, and what trends can be observed over the month?

4. What are the top three cities with the highest average number of items per transaction, and how do their sales amounts vary across seasons?

5. How effective are different promotions in driving higher transaction amounts, and which promotion type performs best in each season?

**Note:** Answer the questions in a way that delivers meaningful insights. If necessary, apply appropriate cleaning or transformation techniques to the data when answering the questions.