

# DAX Interview Scenario Questions

1. Calculate Total Sales Amount: Write a DAX measure to calculate the total sales amount from the Sales table.
  2. Calculate Total Quantity Sold: Write a DAX measure to calculate the total quantity of products sold.
  3. Calculate Total Sales for a Specific City: Write a DAX measure to calculate total sales amount where the city name is 'Mumbai'.
  4. Retrieve City Name in Sales Table: Write a calculated column in the Sales table that fetches the City Name from the City table using a DAX function.
  5. Calculate Running Total of Sales Amount by Date: Write a DAX measure that calculates the running total of Sales Amount ordered by Date.
  6. Identify Products Containing the Word 'Apple': Write a calculated column in the Sales table that shows 'Yes' if the ProductName contains the word 'Apple', otherwise 'No'.
  7. Count of Distinct Cities Where Sales Occurred: Write a DAX measure to calculate how many unique cities have sales records.
  8. Calculate Average Sales Amount per Transaction: Write a DAX measure to calculate the average sales amount per sale transaction.
  9. List Unique City IDs from Sales Table: Write a DAX expression to return the list of distinct City IDs present in the Sales table.
  10. Calculate Quantity Difference from Average Quantity per City: Write a calculated column that computes the difference between each transaction's Quantity and the average Quantity sold per City.
- Bonus - Time Intelligence Scenario: Write a DAX measure to calculate Sales Year-To-Date (YTD) based on the Sales Date column.