

Knowledge check

5 minutes

1. You run the following query: `SELECT OrderNo, CHOOSE(Status, 'Ordered', 'Shipped', 'Delivered') AS OrderState FROM Sales.Order;` Which OrderState value is returned for rows with a Status value of 2?

☒ Shipped ✓

Correct. CHOOSE returns the value based on its 1-based ordinal position.

☐ Delivered

☐ NULL

2. You must return the number of customers in each city. Which query should you use?

☐ `SELECT City, COUNT(*) AS CustomerCount FROM Sales.Customer;`

☒ `SELECT City, COUNT(*) AS CustomerCount FROM Sales.Customer GROUP BY City;` ✓

Correct. Use GROUP by to aggregate by groups.

☐ `SELECT City, COUNT(*) AS CustomerCount FROM Sales.Customer ORDER BY City;`

3. You must return a row for each category with an average price over 10.00. Which query should you use?

☐ `SELECT Category, AVG(Price) FROM Store.Product WHERE AVG(Price) > 10.00;`

☐ `SELECT Category, AVG(Price) FROM Store.Product GROUP BY Category WHERE AVG(Price) > 10.00;`

☒ `SELECT Category, AVG(Price) FROM Store.Product GROUP BY Category HAVING AVG(Price) > 10.00;` ✓

Correct. Use a HAVING clause to filter groups.

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