

# SQL CASE STUDY

## DATA IN MOTION TINY SHOP SALES



### Customer Orders Analysis

1. Which product has the highest price? Only return a single row.
2. Which customer has made the most orders?
3. What's the total revenue per product?
4. Find the day with the highest revenue.
5. Find the first order (by date) for each customer.
6. Find the top 3 customers who have ordered the most distinct products
7. Which product has been bought the least in terms of quantity?
8. What is the median order total?
9. For each order, determine if it was 'Expensive' (total over 300), 'Affordable' (total over 100), or 'Cheap'.
10. Find customers who have ordered the product with the highest price.



Product M was the most  
Expensive product and it  
cost \$70

product_name	Most_Expensive_Product
Product M	70

John Doe, Jane Smith  
and Bob Johnson made  
the most orders (2)

customer_name	order_count
John Doe	2
Jane Smith	2
Bob Johnson	2

16<sup>th</sup> of May 2023 was the day Tiny Shop made the most revenue (340)

[illegible]

# Median Total of all orders is 150

The image displays a dark-themed dashboard interface. At the top, a header bar contains a menu icon (three vertical lines) and the text "Median Total". Below the header, the main content area features a large, bold orange number "150". The bottom section of the dashboard is a grid of 12 empty, light gray rectangular boxes arranged in 3 rows and 4 columns.



Ivy Jones and Sophia Thomas ordered the most expensive product (M)