

SQL Query Analysis Report

Generated: 2025-12-28 10:24:39

Database: SQLITE

1. User Question

Show me the top 5 best-selling products

2. Generated SQL Query

```
SELECT
    p.product_name,
    SUM(s.quantity) AS total_quantity_sold,
    COUNT(s.sale_id) AS
```

[Text]

3. Query Validation

Status: PASSED

No issues found

4. Analysis Summary

The top 5 best-selling products show significant performance variation, with Tablet 10-inch HD leading at 37

[Text]

5. Key Metrics

- Top Product Sales Volume: 37 units

[Text]

- Average Units Sold: 29 units per product

[Text]

6. Query Results

Total Records: 5 | Columns: 4

Product Name	Total Quantity Sold	Number Of Sales	Total Revenue
Tablet 10-inch HD	37	9	14239.644
Shampoo Organic 500ml	32	9	556.4069999999999
Curtains Blackout Pair	30	8	1523.5
Running Shoes Pro	24	6	2060.7709999999997
T-Shirt Green Polo	22	8	518.5424999999999

9. Process Log

OK Schema Analysis: Found 2 relevant tables - sales, products

[Text r]

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-> Visualization: Processing 2 chart specification(s)

[Text r]

Visualization 1: Error - FigureCanvasAgg.print_png() got an unexpected keyword argument 'optimize'

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PDF: No charts to embed