

SQL Query Analysis Report

Generated: 2025-12-28 10:53:36

Database: SQLITE

1. User Question

show the top 5 five high production cost price product.

2. Generated SQL Query

```
SELECT
    product_name,
    cost_price AS production_cost_price
FROM products
ORDER BY
```

[Text]

3. Query Validation

Status: PASSED

No issues found

4. Analysis Summary

The top 5 highest production cost products show significant cost variation, ranging from \$280 to \$950 with

[Text]

5. Key Metrics

- Highest Production Cost Product: Laptop Pro 15-inch at \$950 USD

[Text]

- Cost Range Spread: 670 USD (from \$280 to \$950)

[Text]

6. Query Results

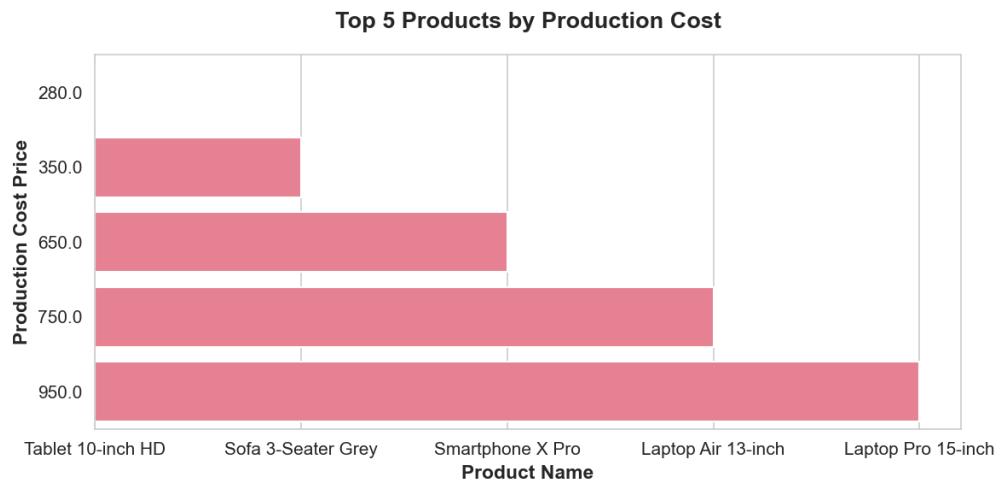
Total Records: 5 | Columns: 2

Product Name	Production Cost Price
Laptop Pro 15-inch	950.0
Laptop Air 13-inch	750.0
Smartphone X Pro	650.0
Sofa 3-Seater Grey	350.0
Tablet 10-inch HD	280.0

8. Data Visualizations

Chart 1: Clear ranking visualization showing cost hierarchy and identifying which product categories drive the highest

[Text]



9. Process Log

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK Query Validation: Passed

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK SQL Generation: Query created

[Text r]

OK Query Execution: Retrieved 5 rows, 2 columns

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

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[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK Query Validation: Passed

[Text r]

OK Data Analysis: Generated 1 visualization specs

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK Query Validation: Passed

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

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[Text r]

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[Text r]

OK Query Validation: Passed

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

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[Text r]

OK SQL Generation: Query created

[Text r]

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[Text r]

-> Visualization: Processing 1 chart specification(s)

[Text r]

OK Visualization: Created 1 optimized charts

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

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[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK Query Validation: Passed

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

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[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK SQL Generation: Query created

[Text r]

OK Schema Analysis: Found 1 relevant tables - products

[Text r]

OK Query Validation: Passed

[Text r]

OK Data Analysis: Generated 1 visualization specs

[Text r]

-> Created chart: chart_0_105336098534.png (horizontal_bar)

[Text r]

-> PDF: Embedding 1 chart(s)

[Text r