

# Data Analysis Companion Agent — Report

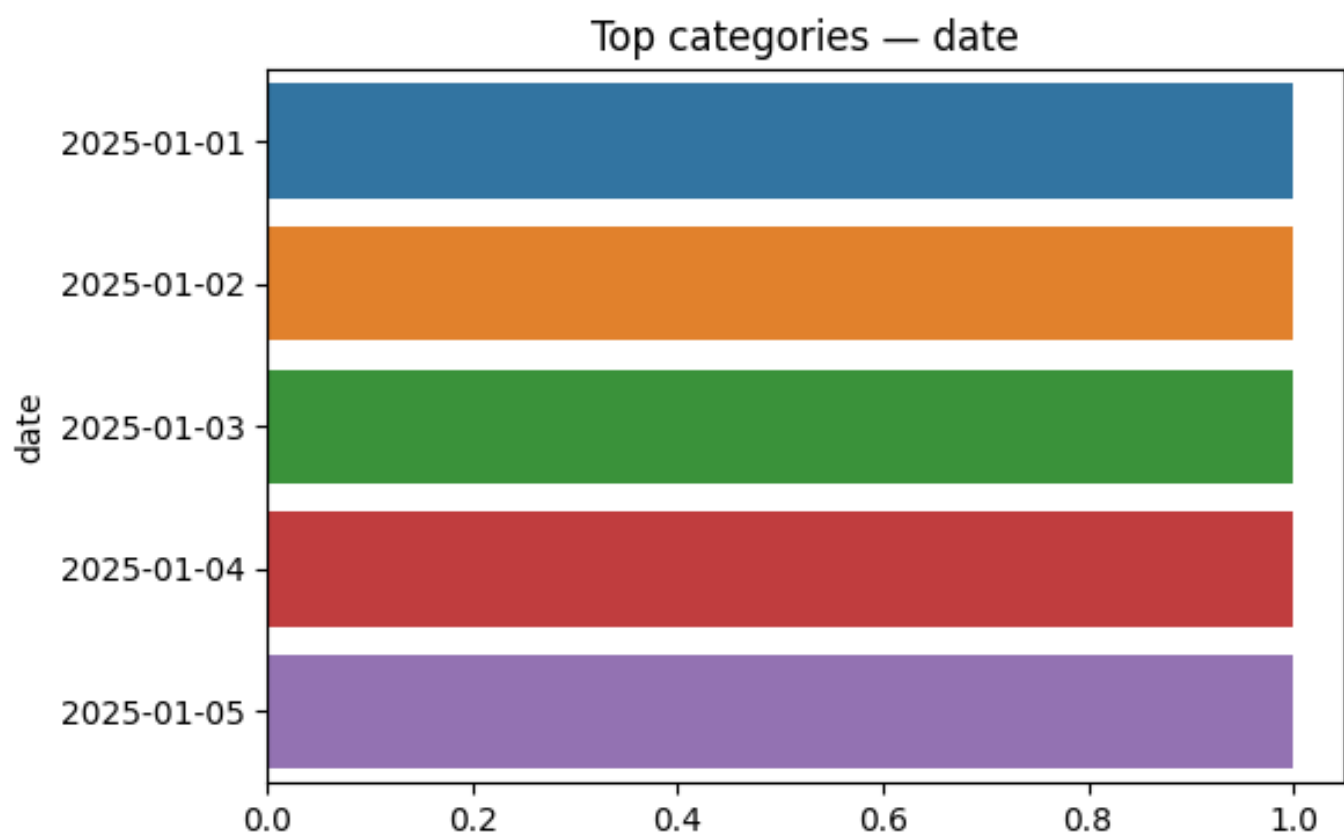
[LLM\_PLACEHOLDER] You are a senior data analyst. Generate a concise business summary.

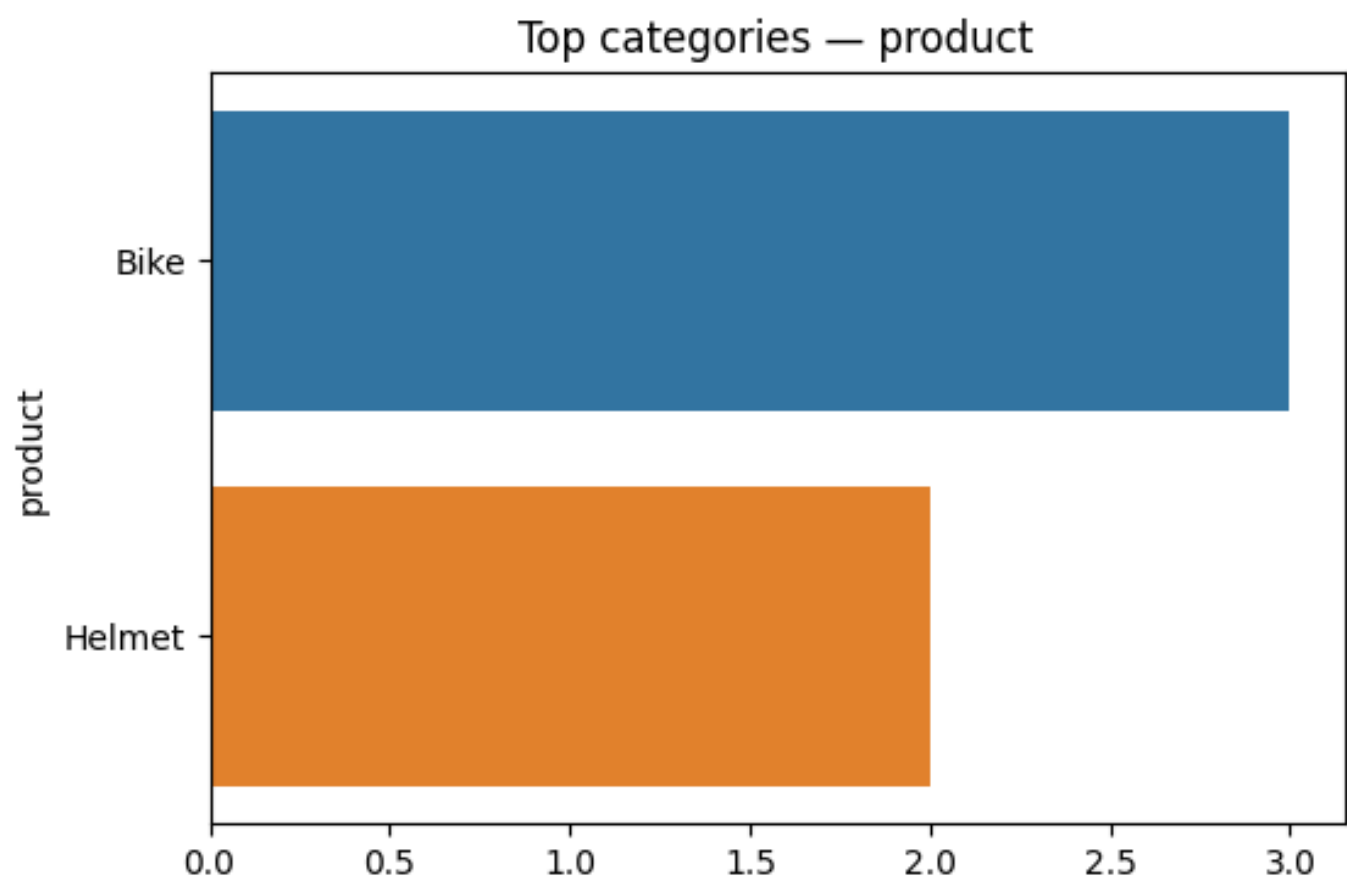
Columns: ['date', 'product', 'region', 'units\_sold', 'unit\_price', 'total\_revenue']

Numeric: ['units\_sold', 'unit\_price', 'total\_revenue'] Categorical: ['date', 'product', 'region'] Datetime: ['date']

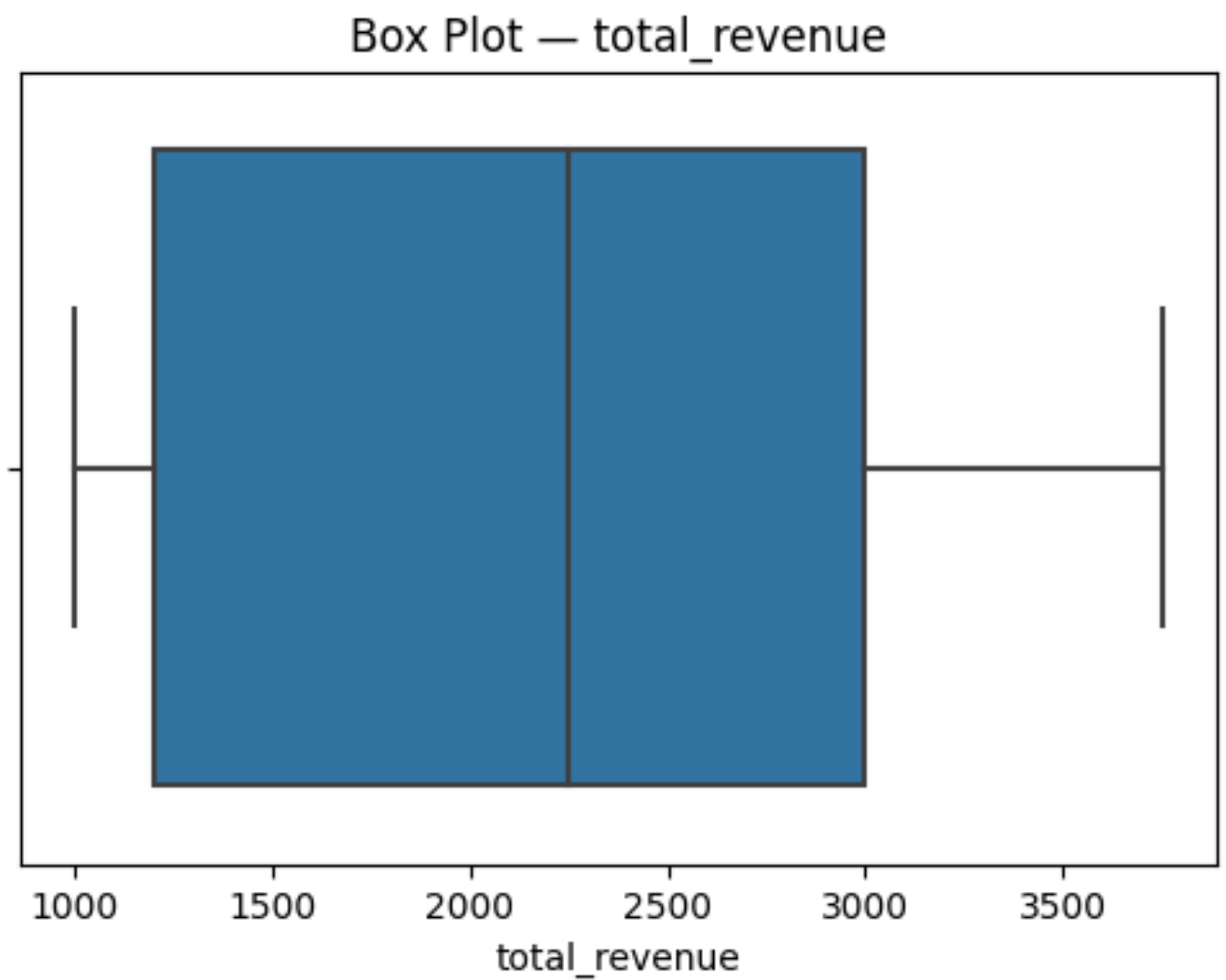
Insights:

- 'units\_sold' has a mean of 18.20 and std of 8.93.
- 'units\_sold' ranges from 9.00 to 30.00.
- 'unit\_price' has a mean of 166.00 and std of 115.02.
- 'unit\_price' ranges from 40.00 to 250.00.
- 'total\_revenue' has a mean of 2240.00 and std of 1170.15.
- 'total\_revenue' ranges from 1000.00 to 3750.00.
- Most common value in 'date' is '2025-01-01' (1 occurrences).
- Most common value in 'product' is 'Bike' (3 occurrences).
- Most common value in 'region' is 'North' (2 occurrences).
- 'units\_sold' is strongly correl

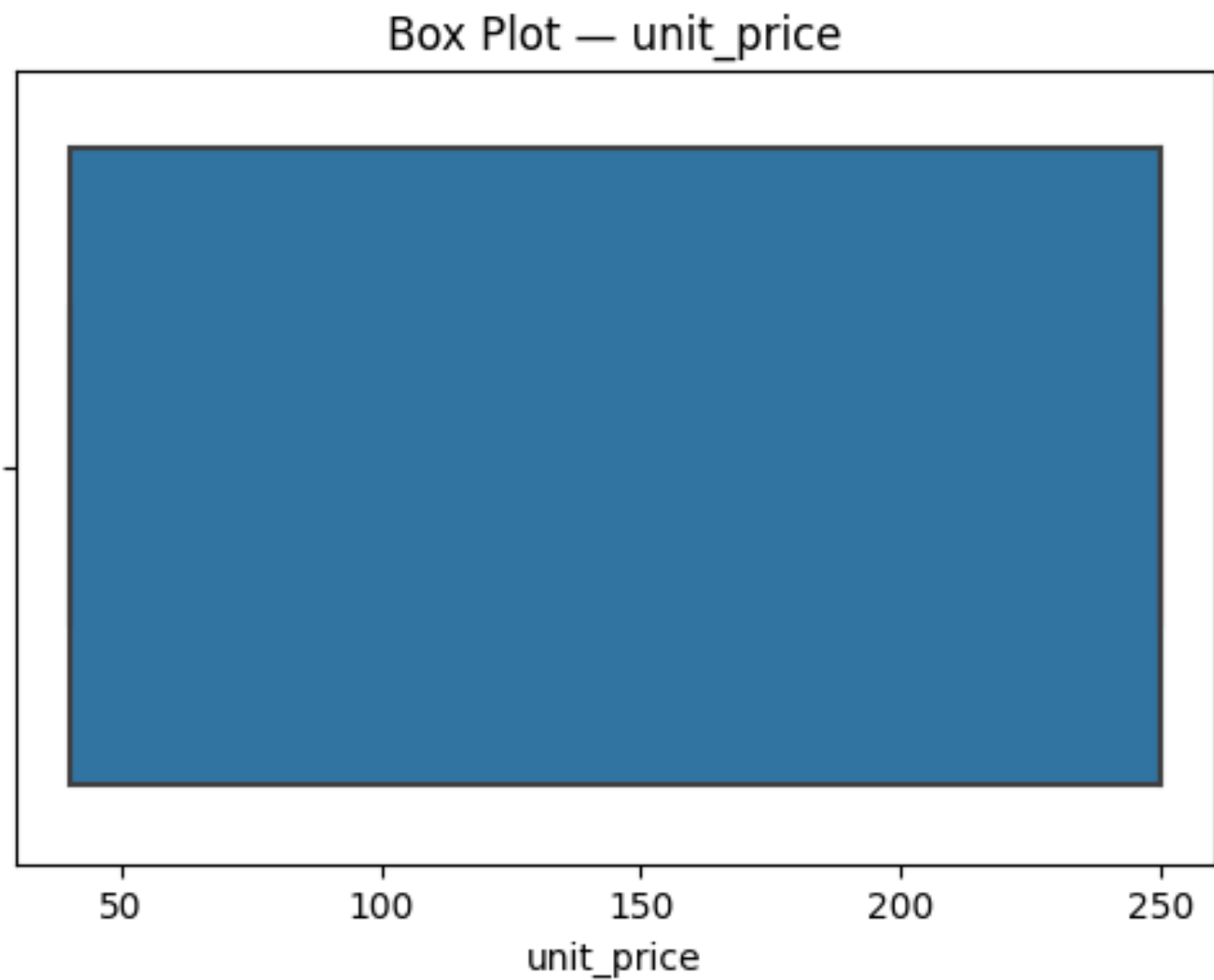




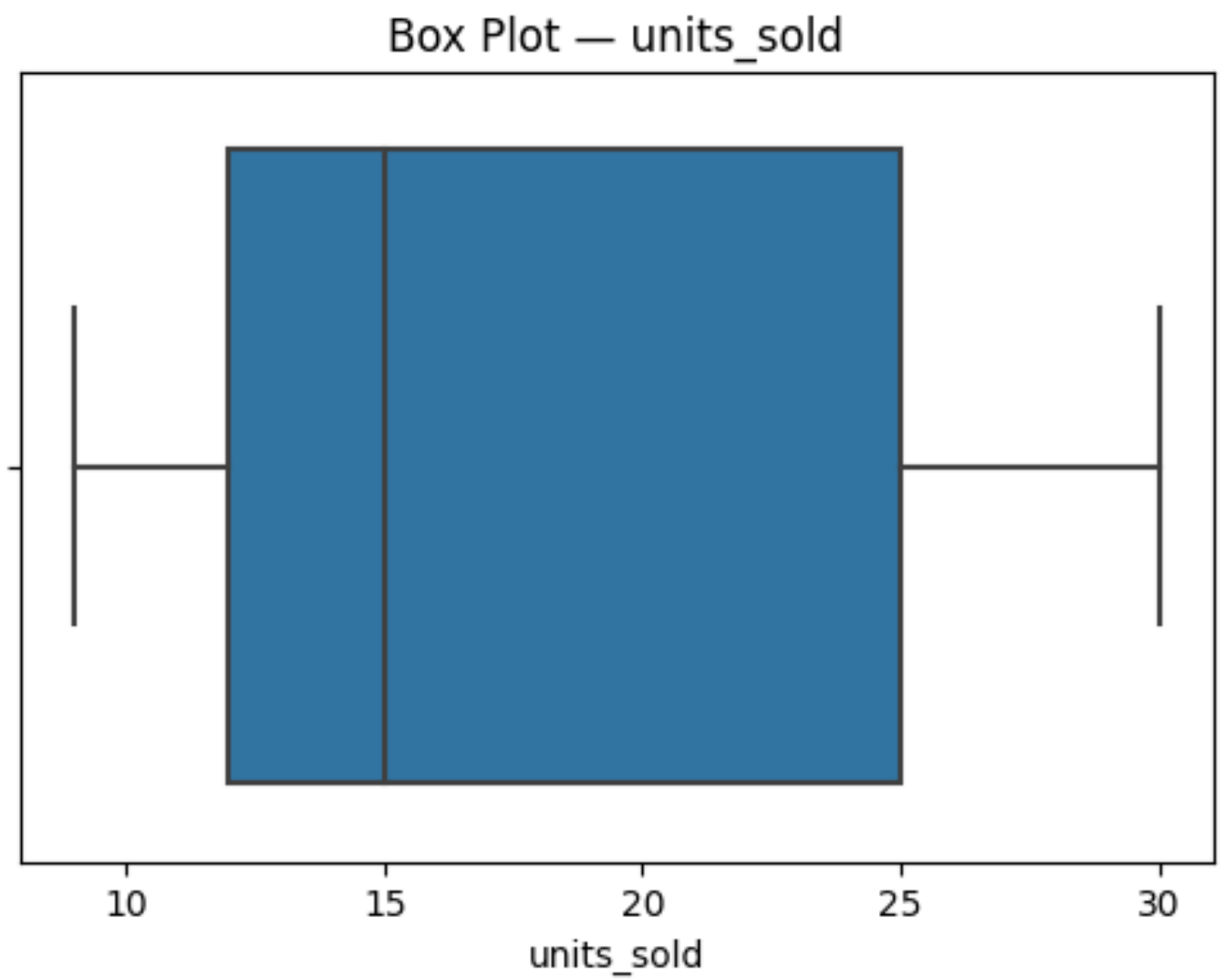
box\_total\_revenue.png



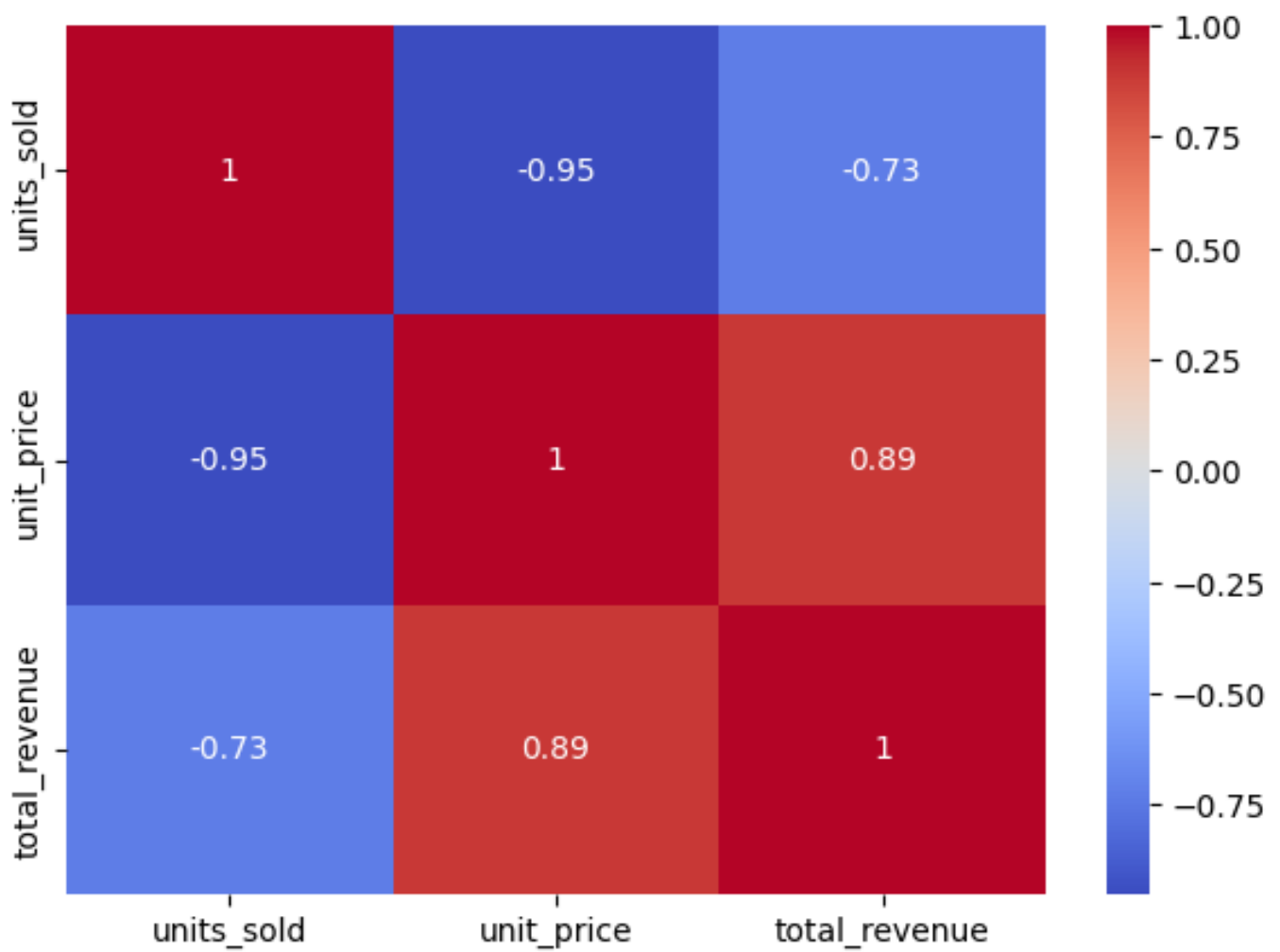
box\_unit\_price.png



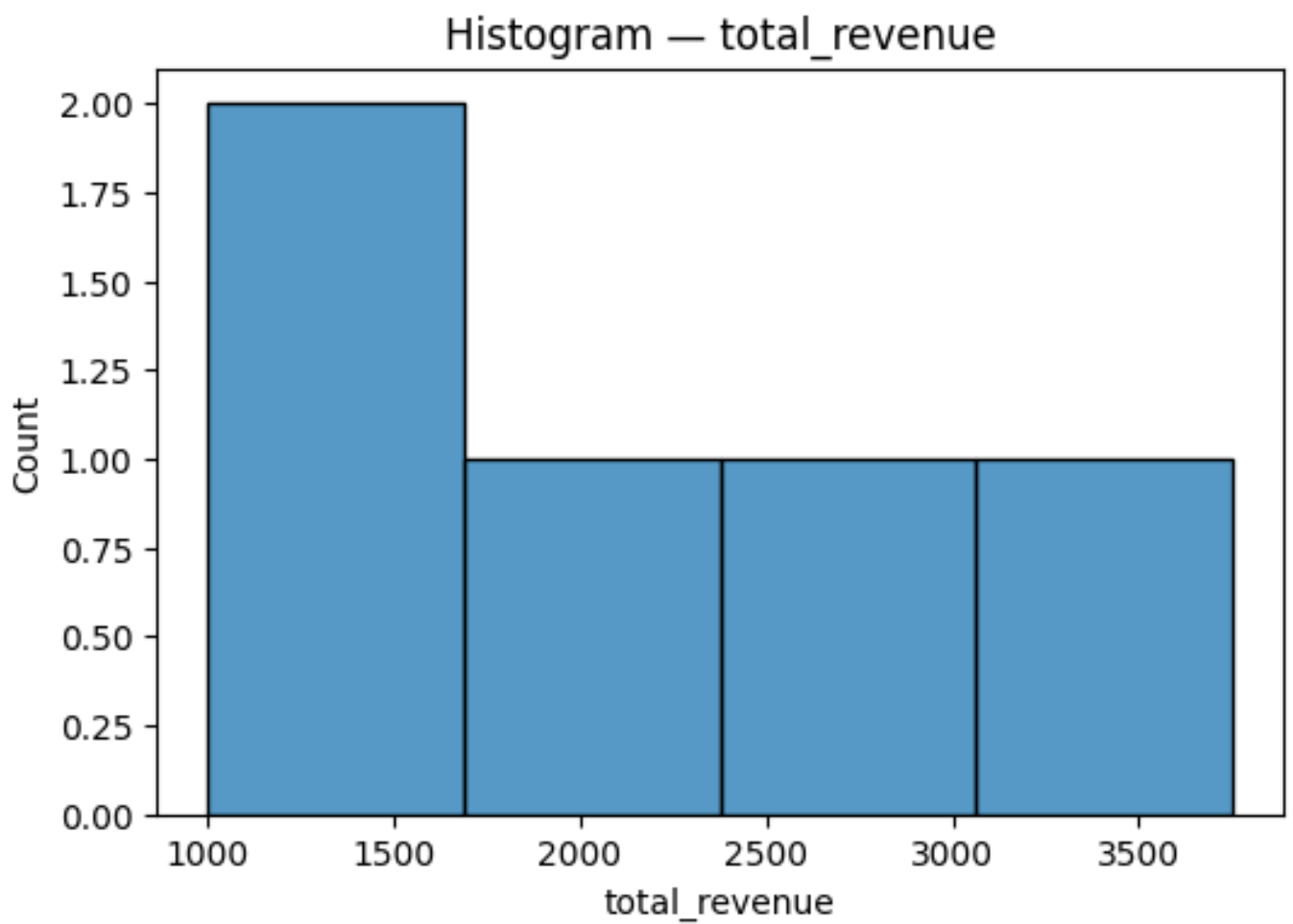
box\_units\_sold.png



correlation\_heatmap.png

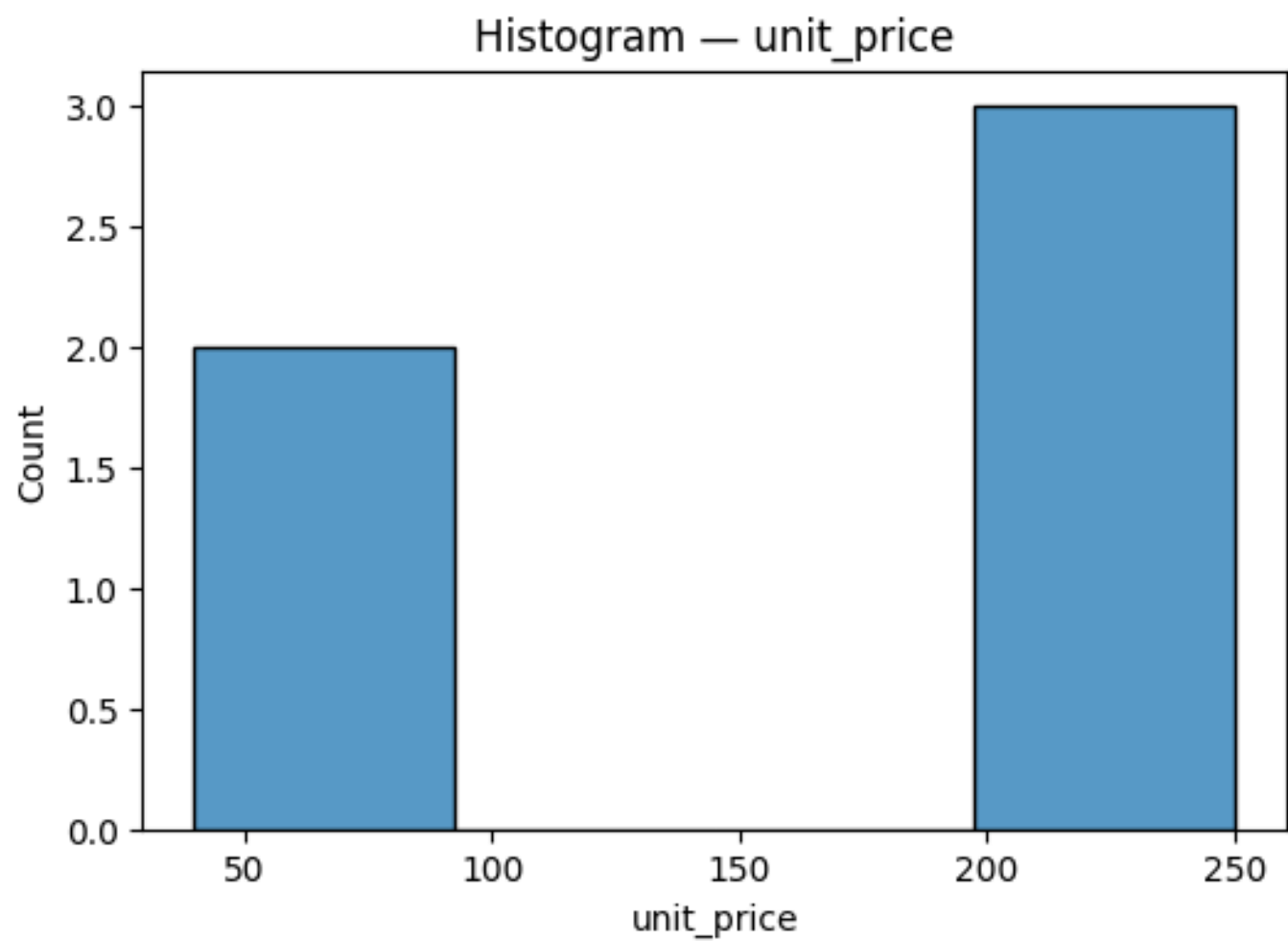


hist\_total\_revenue.png

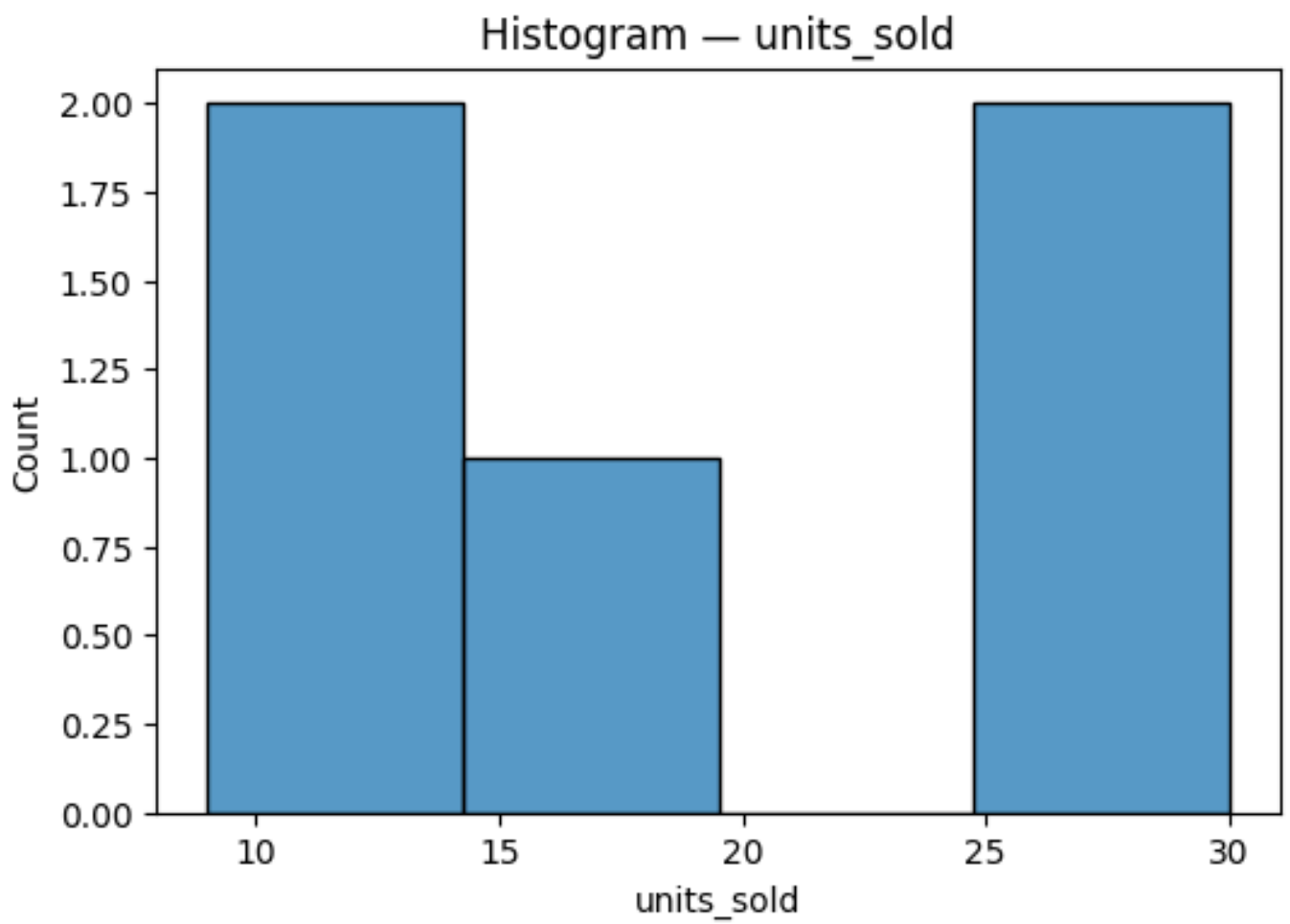




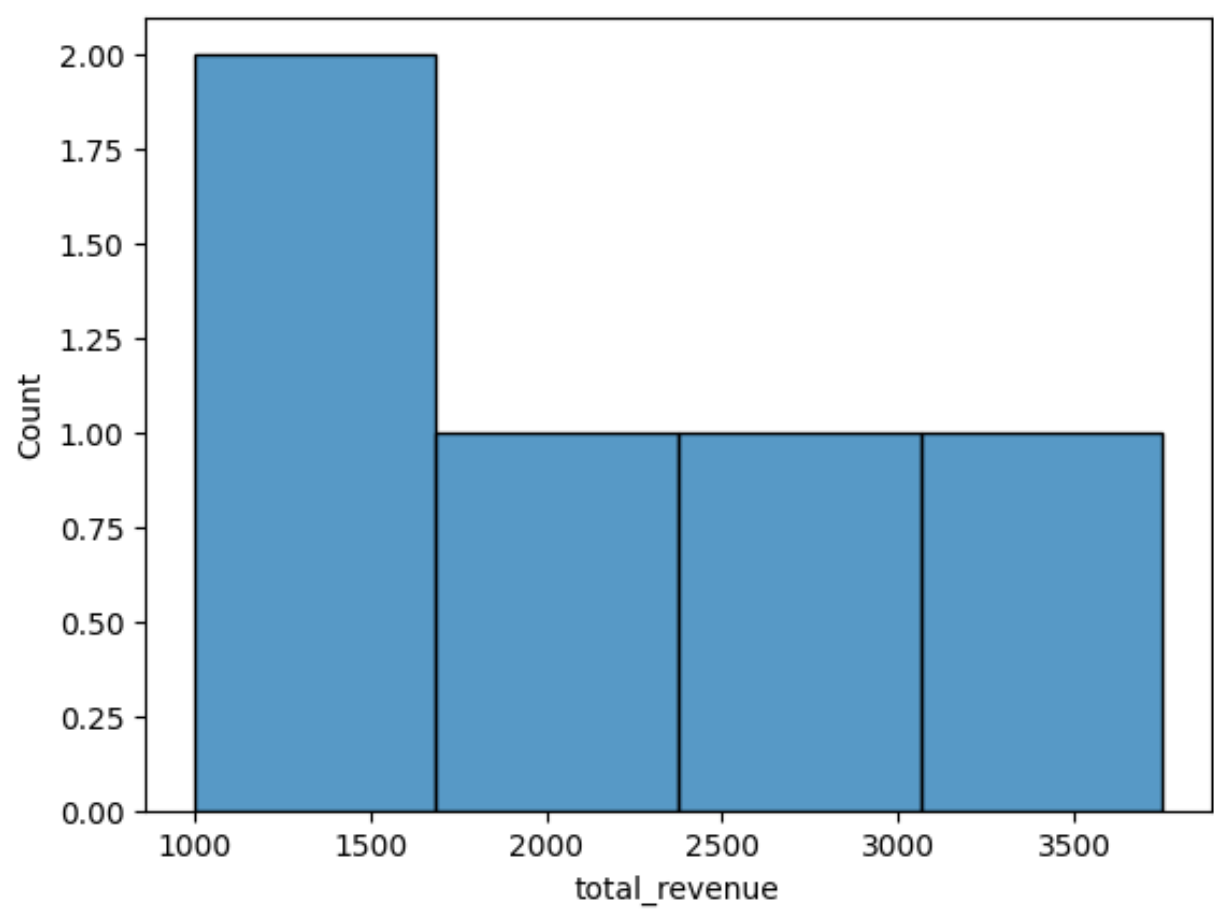
hist\_unit\_price.png



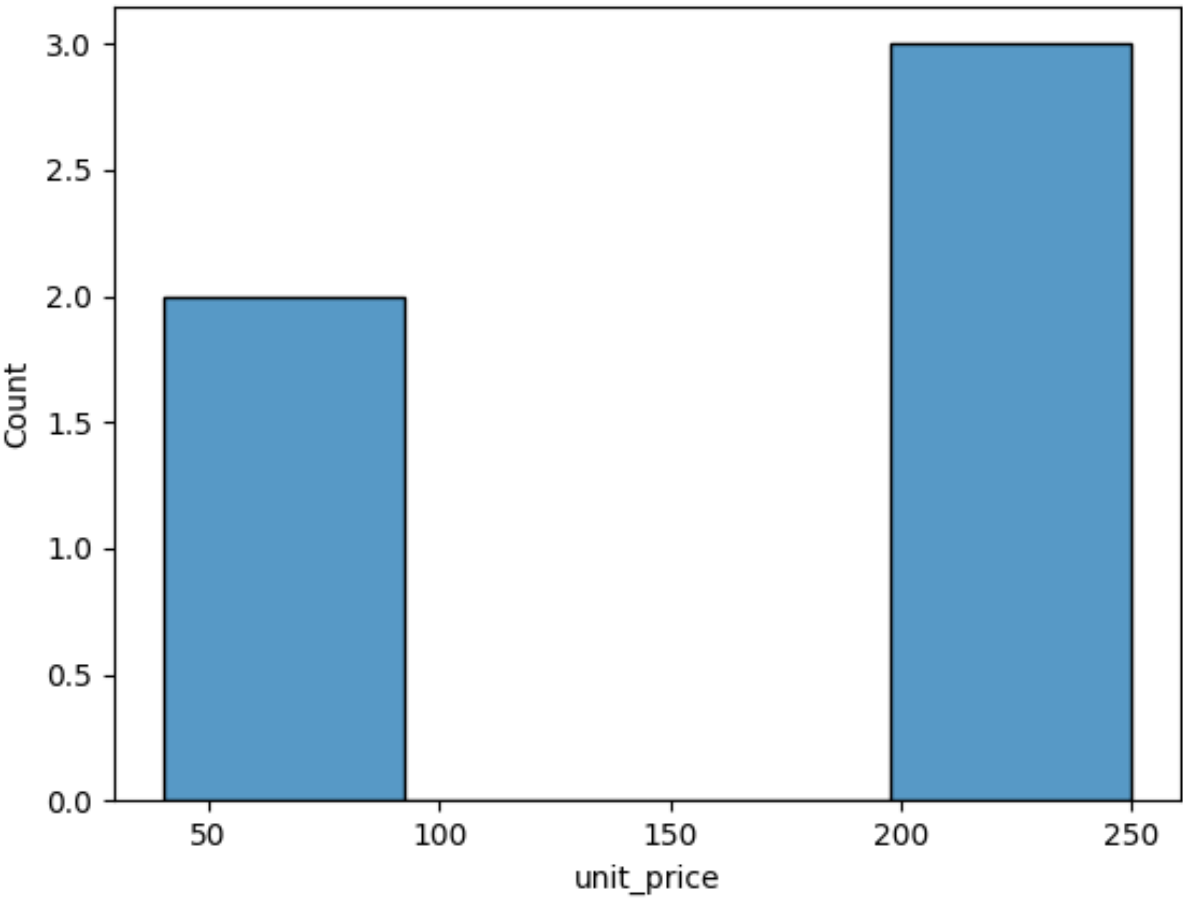
hist\_units\_sold.png



total\_revenue\_hist.png



unit\_price\_hist.png



units\_sold\_hist.png

