

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

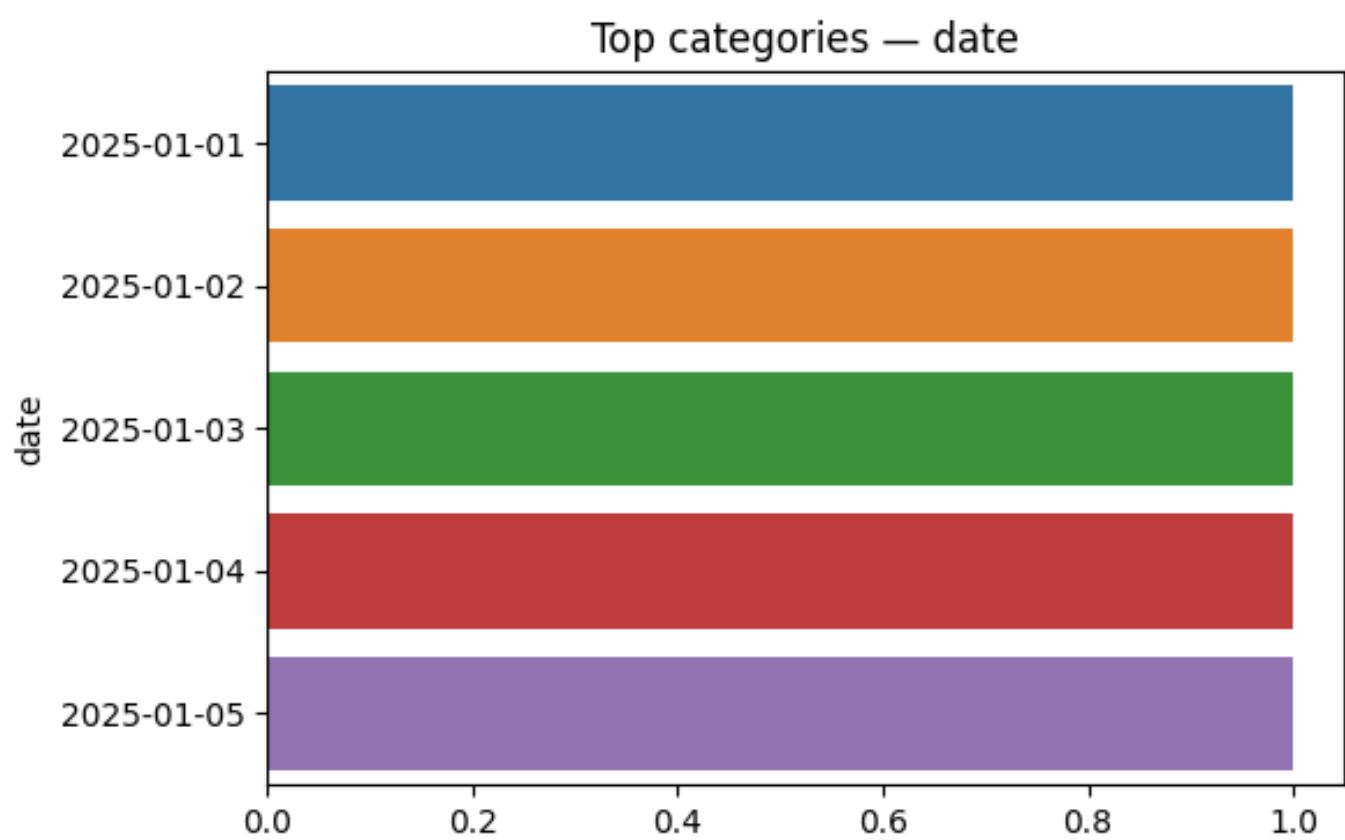
2240.00 and std of 1170.15. - 'total_revenue' ranges from 1000.00 to 3750.00. - Most

common value in 'date' is '2025-01-01' (1 occurrences). - Most common value in 'product'

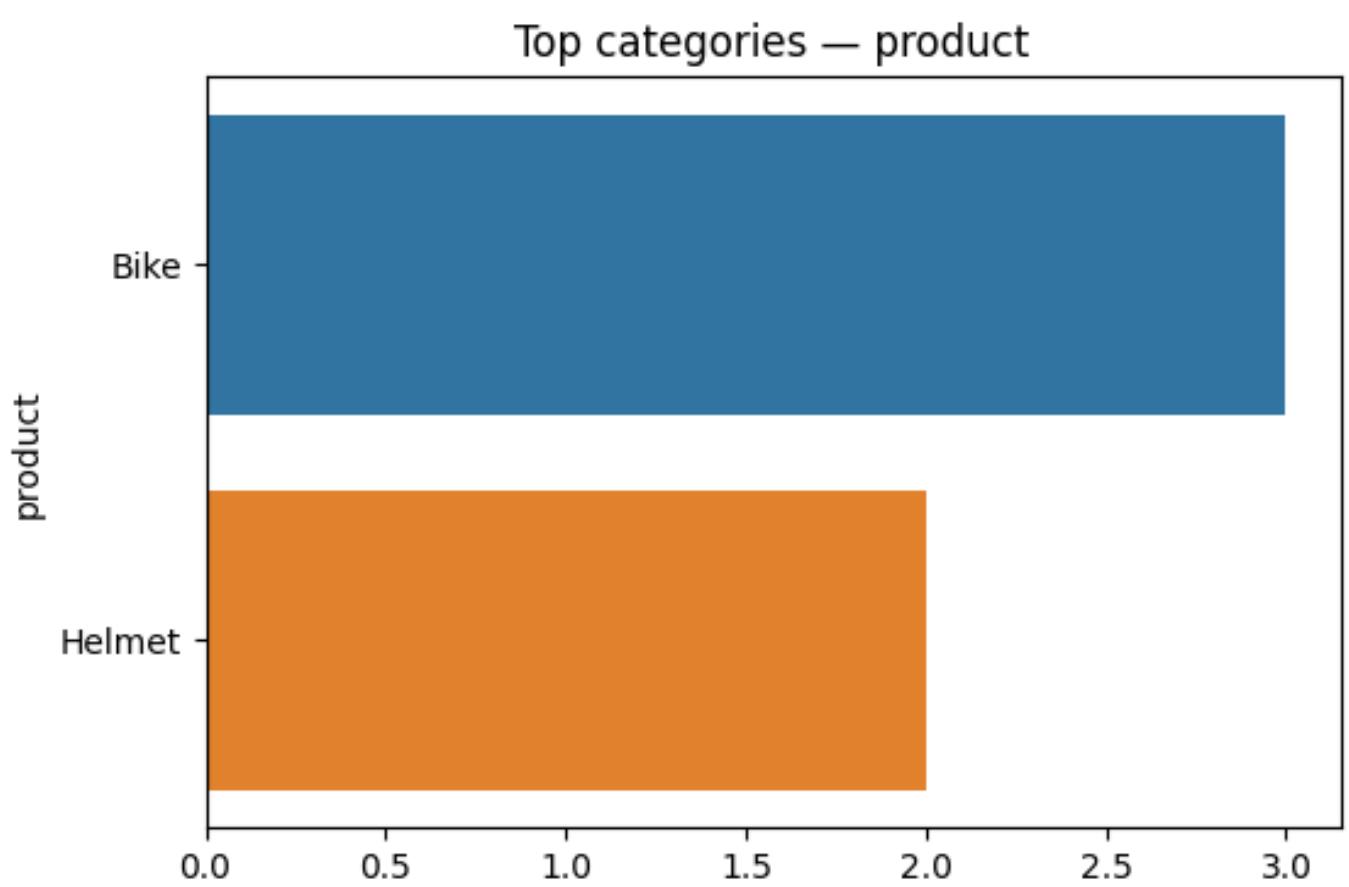
is 'Bike' (3 occurrences). - Most common value in 'region' is 'North' (2 occurrences). -

'units_sold' is strongly correl

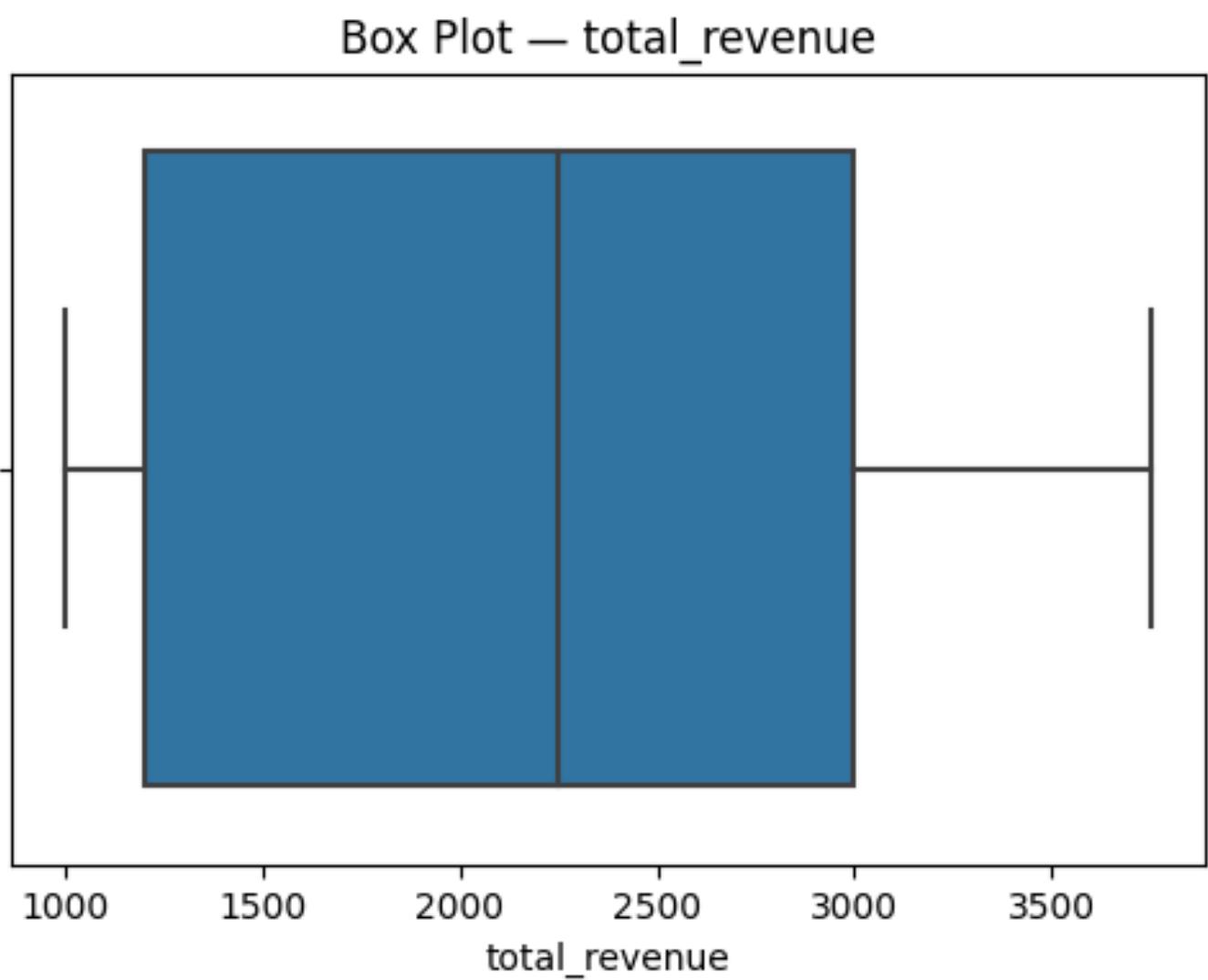
bar_topk_date.png



bar_topk_product.png

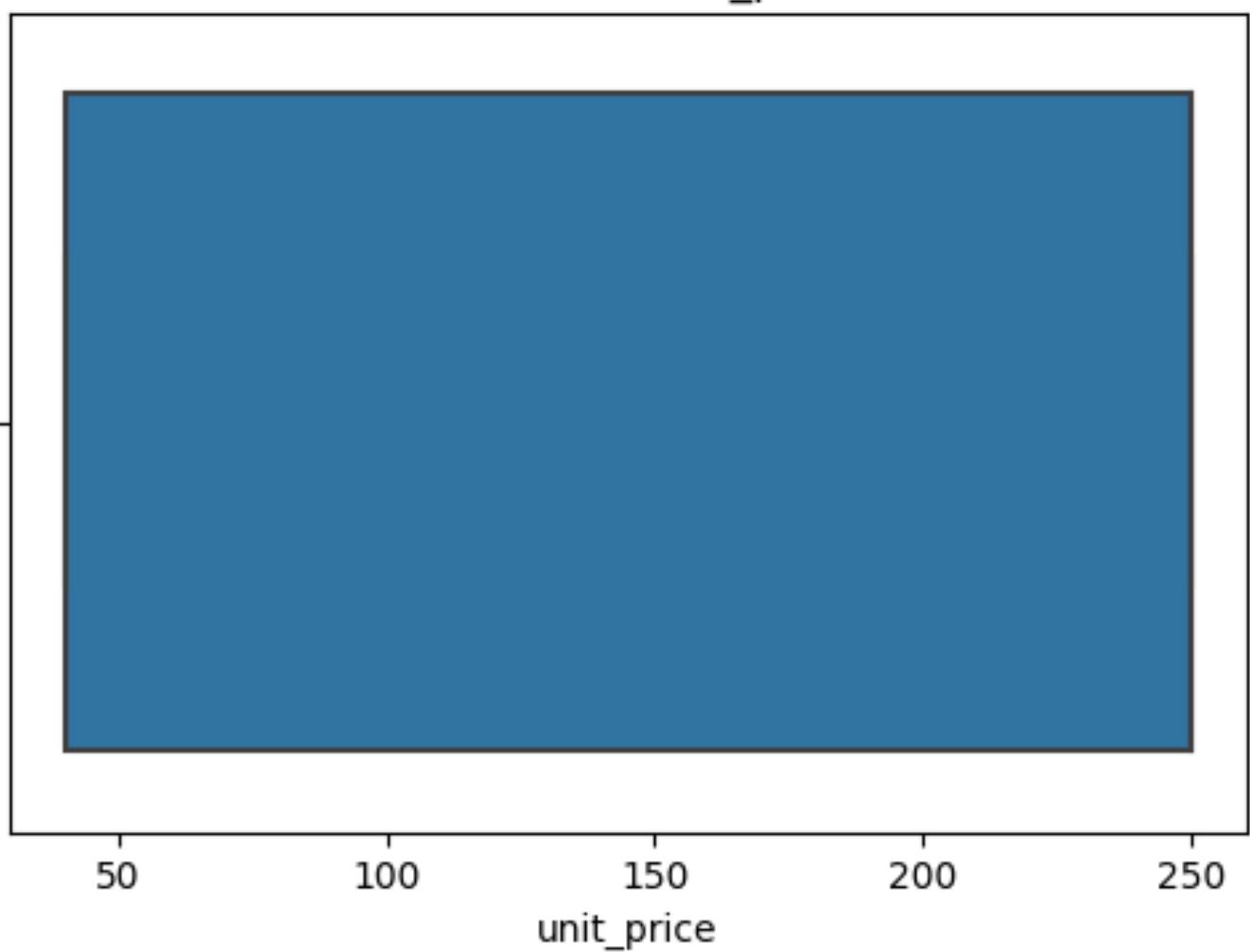


box_total_revenue.png

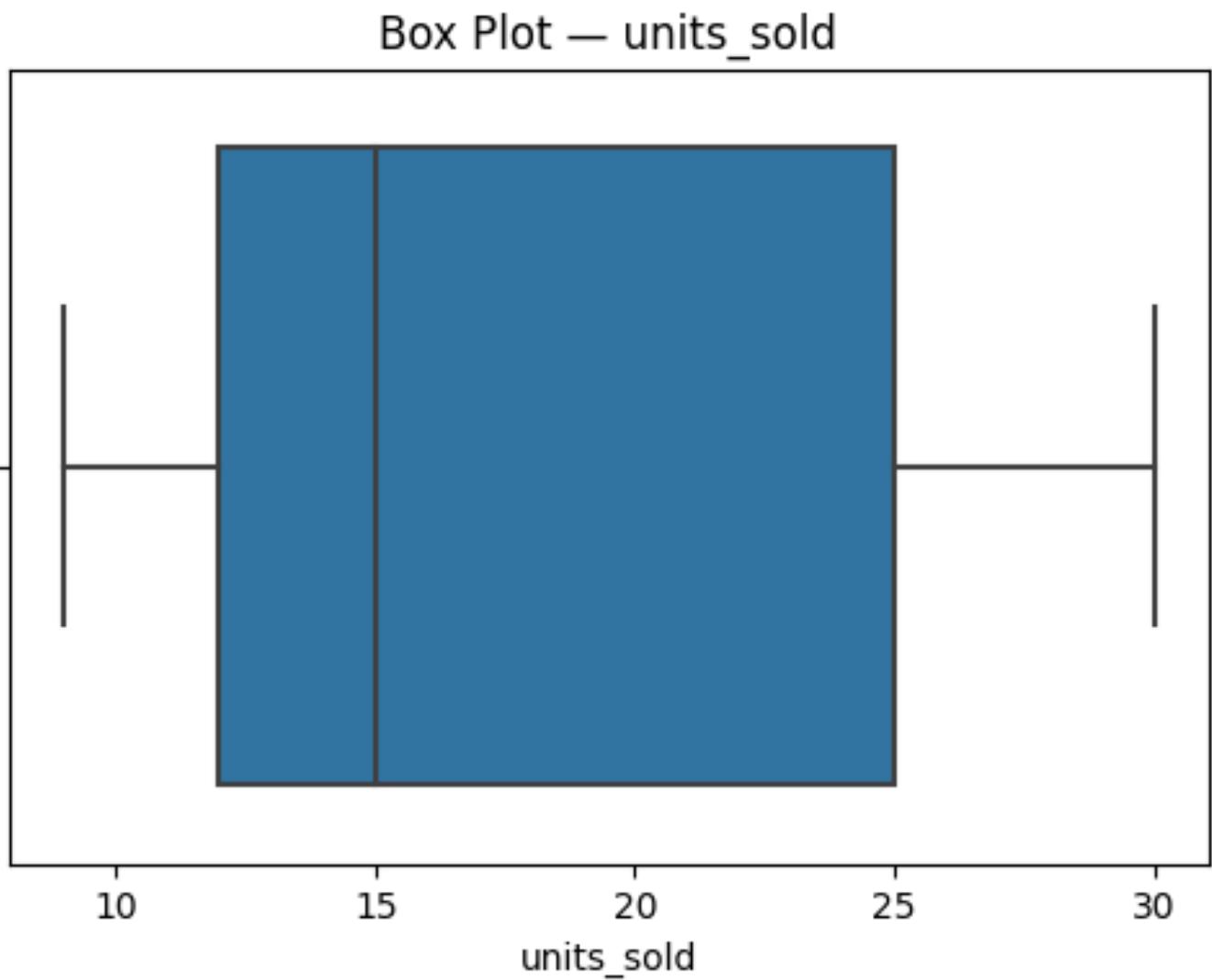


box_unit_price.png

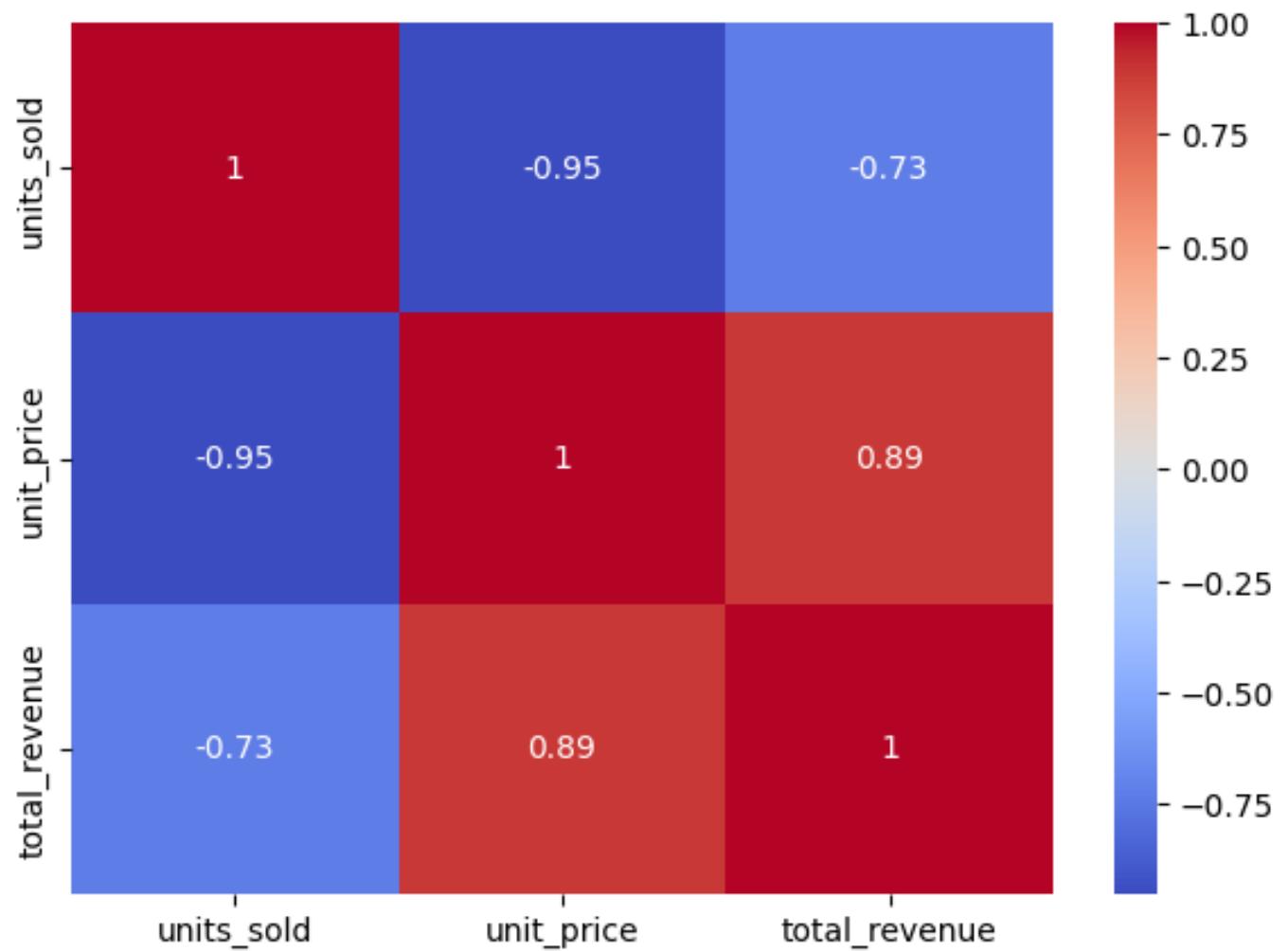
Box Plot — unit_price



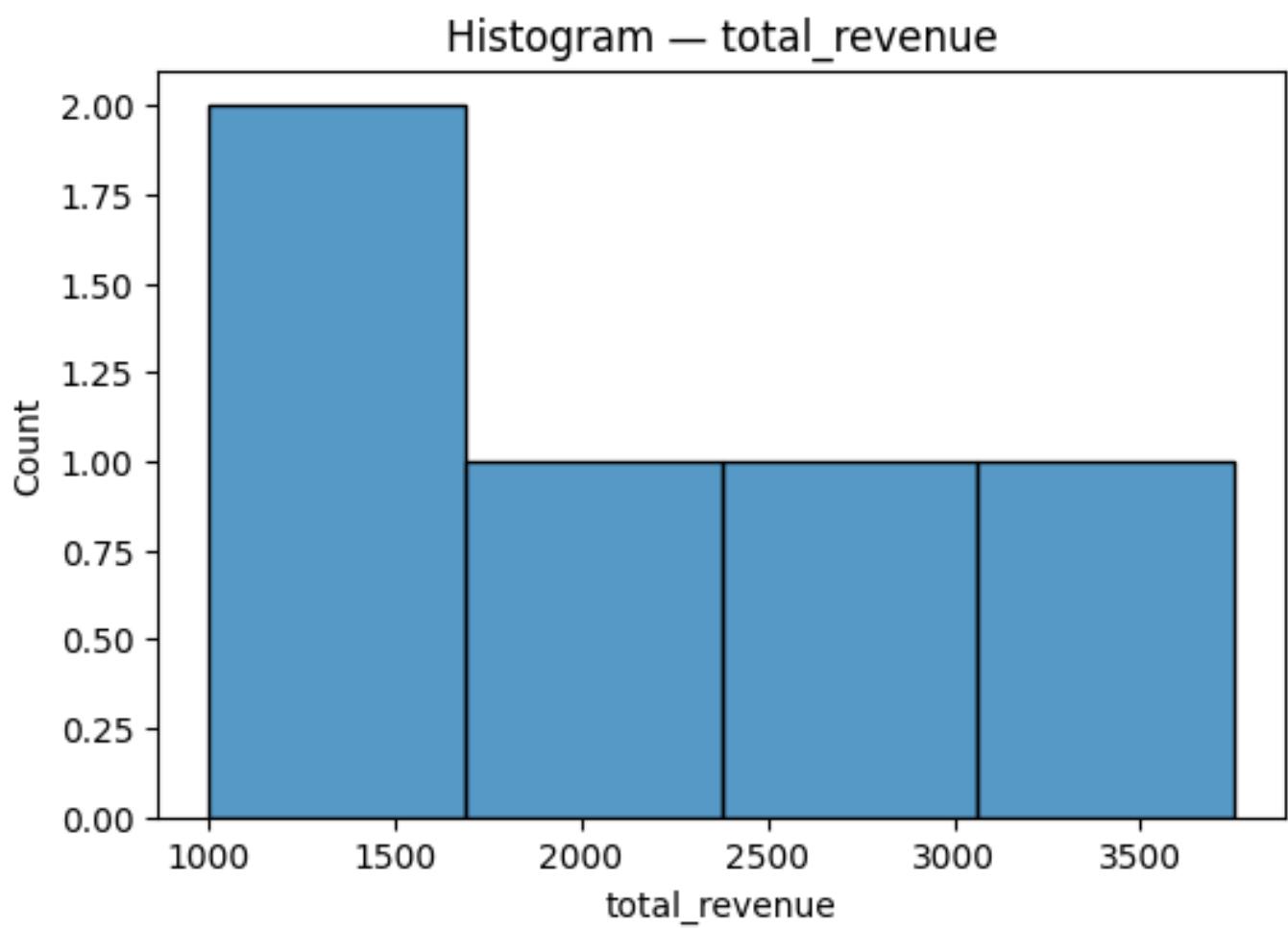
box_units_sold.png



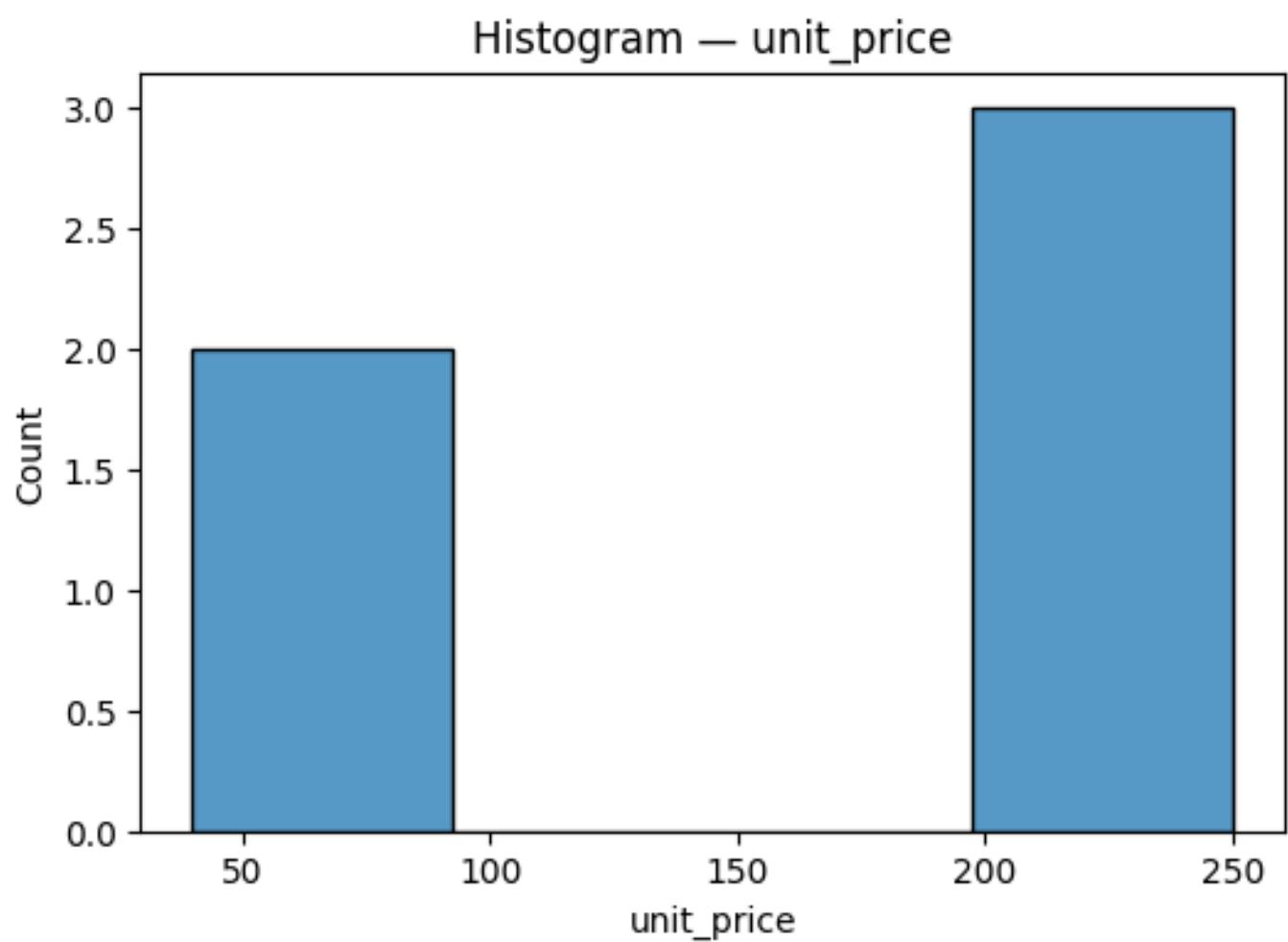
correlation_heatmap.png



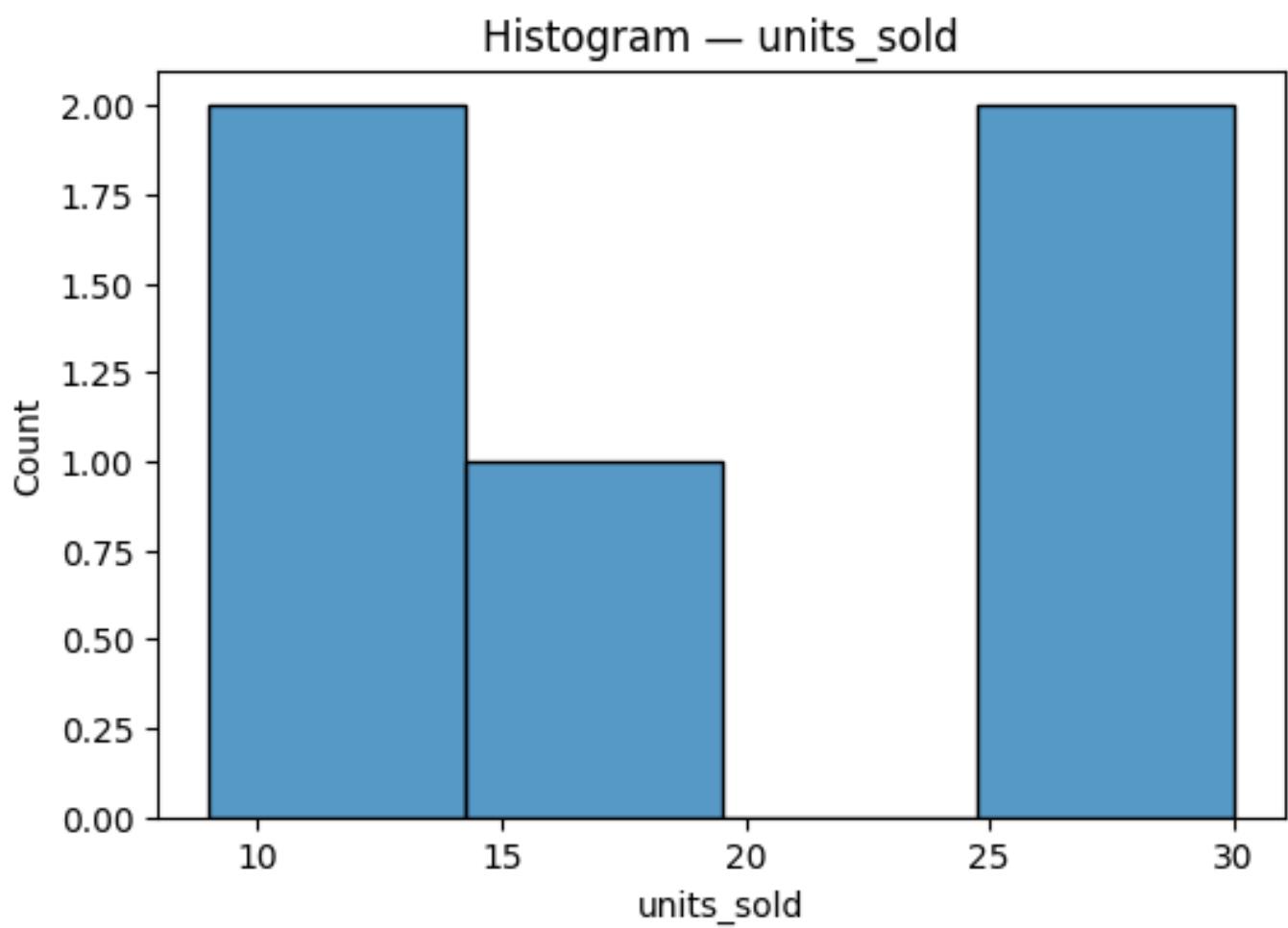
hist_total_revenue.png



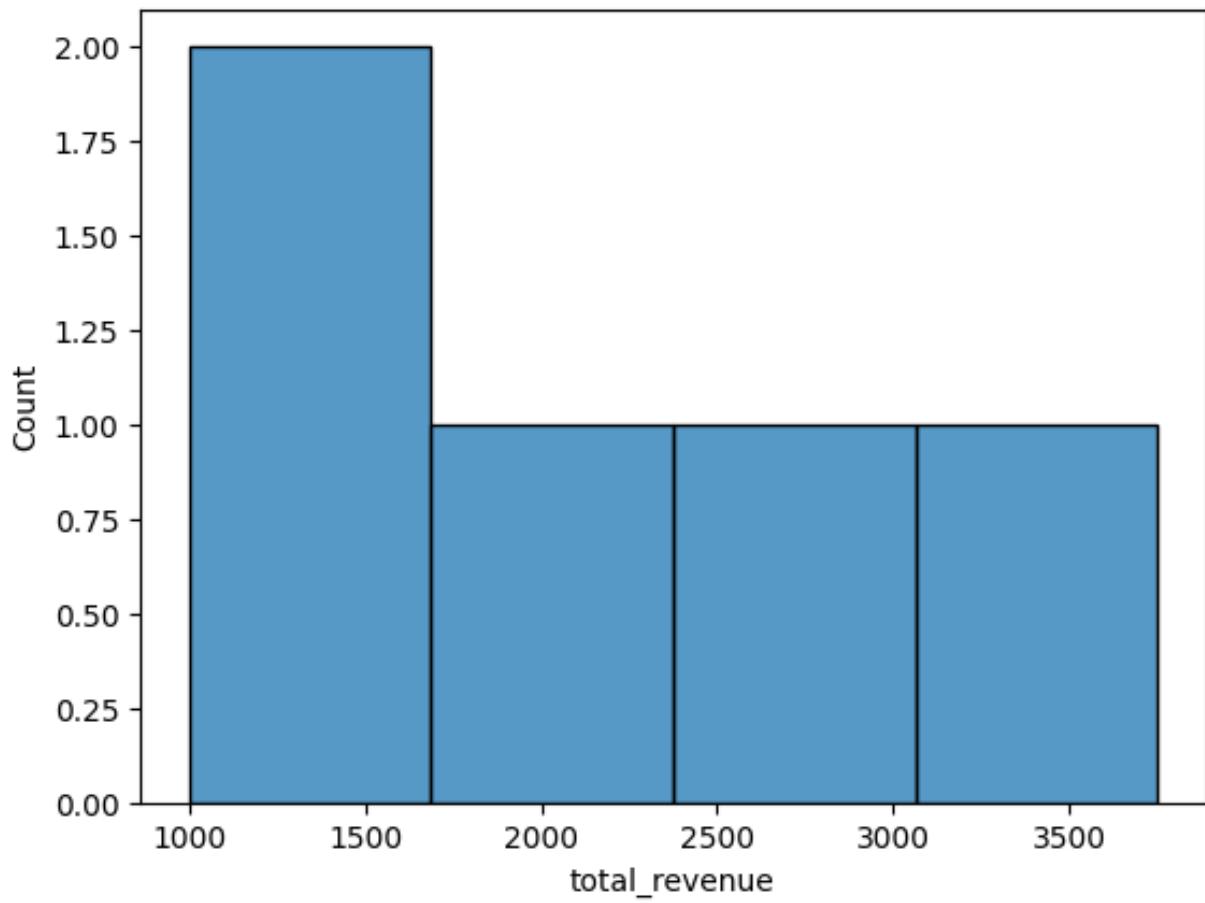
hist_unit_price.png



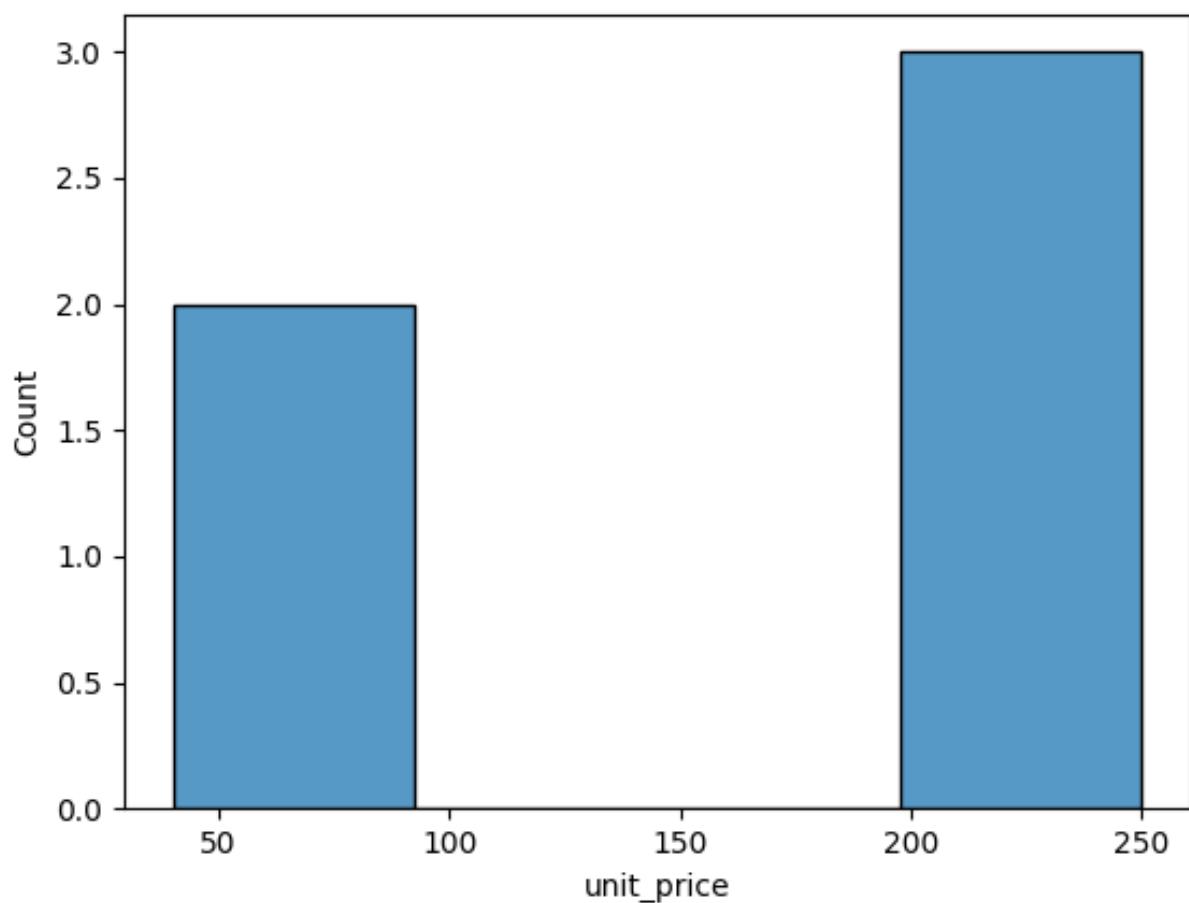
hist_units_sold.png



total_revenue_hist.png



unit_price_hist.png



units_sold_hist.png

