Data Quality Report

Generated on: 2025-01-08 14:01:33

Summary Statistics

Metric	Value
total_records	1000
unique_invoices	1000
unique_products	6
avg_rating	6.9725725725725765
avg_margin	4.761904762000062

Missing Values Analysis

Column	Missing Count
Gender	4
Unit_price	1
Quantity	1
Total	1
Payment	1
gross_margin_pct	2
Rating	1

Numeric Range Violations

Column: Unit_price

Metric	Value
outlier_count	1
min_value	-1.0
max_value	-1.0

Column: Quantity

Metric	Value
outlier_count	2
min_value	-1
max_value	1001

Categorical Value Violations

Column: Gender Invalid Values: Male_, Female_, female

Column: Payment Invalid Values: Ewallets

Data Consistency Issues

total_calculation

Invoice_ID	Total	calculated_total	difference
750-67-8428	548.9715	1.05	547.9215
226-31-3081	80.22	16060.044	15979.824
355-53-5943	43.692	433.69200000000006	390.00000000000006
665-32-9167	76.12	76.146	0.02599999999999625

No issues found for future_dates