

Data Analysis Report

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Dataset Overview

Total Rows	8
Total Columns	6
Memory Usage	0.00 MB
Missing Values	0

Column Summary

Column Name	Data Type	Missing Values	Unique Values
date	object	0	8
product	object	0	3
category	object	0	3
sales	int64	0	8
revenue	float64	0	8
customers	int64	0	8

Basic Statistics

Statistics for sales

Metric	Value
Count	8
Mean	212.50
Std Dev	45.90
Min	150.00
25%	187.50
50%	205.00
75%	227.50
Max	300.00

Statistics for revenue

Metric	Value
Count	8
Mean	9006.50
Std Dev	3584.08
Min	3750.00
25%	6750.38
50%	9250.12
75%	12150.56
Max	13200.50

Statistics for customers

Metric	Value
Count	8
Mean	187.50
Std Dev	48.62
Min	120.00
25%	157.50
50%	185.00
75%	205.00
Max	280.00

Key Insights

- Dataset contains 8 rows and 6 columns
- No missing values detected in the dataset
- Found 3 numeric columns for analysis
- Strong correlation between sales and customers ($r=1.00$)
- Found 3 categorical columns
- '2023-01-01' is the most frequent category in date (1 occurrences)
- 'Product A' is the most frequent category in product (3 occurrences)