Dataset Analysis Report
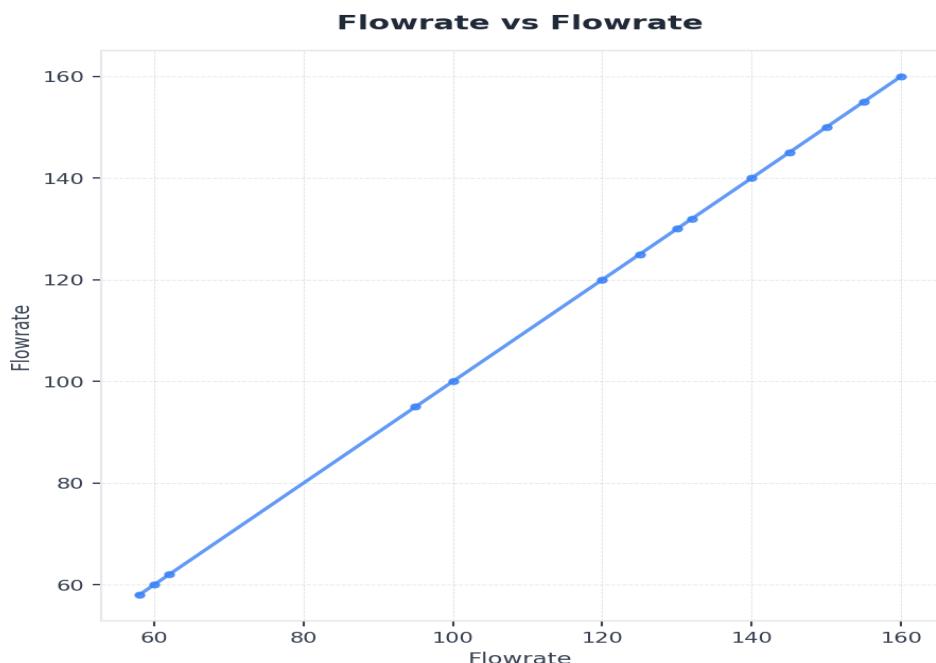
Dataset Information

Name	dataset_44
Upload Date	N/A
File Size	0 bytes
Rows	N/A
Columns	N/A

Summary Statistics

Column	Mean	Median	Std Dev	Min	Max	Count
Flowrate	116.57	127.50	35.83	58.00	160.00	14
Pressure	13.86	6.05	29.52	4.00	116.30	14
Temperature	183.07	118.50	277.44	1.00	1140.00	14
Price	150.71	75.00	285.27	10.00	1130.00	14

Visualizations

Insights and Observations

• Highest variability: Price (std = 285.27)

• Largest mean value: Temperature (mean = 183.07)

• Most volatile by CV: Pressure (CV = 2.13)

• Most stable by CV: Flowrate (CV = 0.31)

• Most skewed: Pressure (skew = 3.73)

• Top positive correlation: Flowrate vs Temperature (r=0.47)

• Top negative correlation: Pressure vs Price (r=-0.06)

• Outlier-heavy: Temperature (2 points, 13.3% of rows)

Outlier Analysis

Column	Outlier Count	Range	Sample Values
Flowrate	0	[25.00, 215.00]	None
Pressure	1	[2.37, 9.98]	116.30
Temperature	2	[75.12, 162.12]	1140.00, 1.00
Price	1	[-70.00, 230.00]	1130.00