

Analysis Report: sample_equipment_data.csv

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Summary Statistics

Metric	Value
Total Equipment Count	9
Average Flowrate	108.13 units
Average Pressure	106.98 units
Average Temperature	162.66 °C

Safety Alerts

- CRITICAL: Reactor-201 (Pressure: 150.0 psi > 120.0 psi)
- WARNING: Reactor-201 (Temp: 300.2 °C > 200.0 °C)
- CRITICAL: Reactor-202 (Pressure: 151.5 psi > 120.0 psi)
- WARNING: Reactor-202 (Temp: 301.5 °C > 200.0 °C)
- CRITICAL: Compressor-501 (Pressure: 300.0 psi > 120.0 psi)

Equipment Type Distribution

Equipment Type	Count
Pump	3
Vessel	2
Reactor	2
Compressor	1
HeatExchanger	1

Distribution Chart

