

## Report: sample\_equipment\_data.csv

Total equipment rows: 15

Average Flowrate: 119.800

Average Pressure: 6.107

Average Temperature: 117.467

Type distribution:

- Pump: 4
- Valve: 3
- Compressor: 2
- HeatExchanger: 2
- Reactor: 2
- Condenser: 2

Sample data (first 10 rows):

Equipment Name	Type	Flowrate	Pressure	Temperature
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Pump-1	Pump	120	5.2	110
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Compressor-1	Compressor	95	8.4	95
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Valve-1	Valve	60	4.1	105
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HeatExchanger-1	HeatExchanger	150	6.2	130
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Pump-2	Pump	132	5.6	118
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Valve-2	Valve	58	4.0	102
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Reactor-1	Reactor	140	7.5	140
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Pump-3	Pump	125	5.3	115
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Condenser-1	Condenser	160	6.8	125
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Compressor-2	Compressor	100	8.0	98
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