

## 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
----------------	------	----------	----------	-------------

Pump-1	Pump	120	5.2	110
--------	------	-----	-----	-----

Compressor-1	Compressor	95	8.4	95
--------------	------------	----	-----	----

Valve-1	Valve	60	4.1	105
---------	-------	----	-----	-----

HeatExchanger-1	HeatExchanger	150	6.2	130
-----------------	---------------	-----	-----	-----

Pump-2	Pump	132	5.6	118
--------	------	-----	-----	-----

Valve-2	Valve	58	4.0	102
---------	-------	----	-----	-----

Reactor-1	Reactor	140	7.5	140
-----------	---------	-----	-----	-----

Pump-3	Pump	125	5.3	115
--------	------	-----	-----	-----

Condenser-1	Condenser	160	6.8	125
-------------	-----------	-----	-----	-----

Compressor-2	Compressor	100	8.0	98
--------------	------------	-----	-----	----