

Untitled - Power BI Desktop

**Clipboard**

Product_ID	Product_Name	Sum of Current_Stock
P001	Industrial Valve A	45
P004	Coupling Part C	25
P007	Pneumatic Cylinder G	95
P009	Sensor Module	15
P012	Coupling Module L	55
P013	Filter Cartridge O	28
P018	Junction Box D	92
P020	Relay Module T	12
P023	Compressor W	68
P025	Solenoid Valve Y	42
P028	Actuator AB	38
P032	Gasket Set AF	18
P035	Pressure Gauge AL	98
P038	Capacitor AS	32
P040	O-Ring Kit AN	8
P043	Voltage Regulator AQ	72
P045	Clamp Assembly AS	22
P048	Power Supply AV	35
P051	Timer Relay BB	88
P054	Level Sensor BB	48
P056	Rubber Seal BD	15
P059	Pressure Transducer BG	62
P062	Terminal Block BJ	95
P065	Motion Sensor BM	32
P066	Photodiode Sensor BP	58
P069	Pin Connector BR	12
P073	Air Filter BU	78
P075	Bolt Kit BW	18
P078	Current Sensor BZ	44
P081	Encoder Module CC	85
P084	Hall Effect Sensor CF	52
P086	Rivet Set CH	15
P088	Mounting Kit CI	40
<b>Total</b>		<b>1736</b>

**Visualizations**

**Data**

Filters on this visual

- Product\_ID is (All)
- Product\_Name is (All)
- Sum of Current\_Stock is (All)

Columns

- Product\_ID
- Product\_Name
- Sum of Current\_Stock

Filters on this page

Below\_Reorder... is Yes

Filter type: Basic filtering

- Search
- Select all
- No
- Yes

Keep all filters

Add drill-through fields here

Require single selection

Add data fields here

ChatGPT data

Claude Projects

- Below\_Reorder\_Point
- Category
- Current\_Stock
- Days\_Since\_Last\_Sale
- Holding\_Cost\_Per\_Unit
- Last\_Reorder\_Date
- Lead\_Time\_Days
- Maximum\_Stock
- Monthly\_Sales\_Apr
- Monthly\_Sales\_Aug
- Monthly\_Sales\_Dec
- Monthly\_Sales\_Feb
- Monthly\_Sales\_Jan
- Monthly\_Sales\_Jul
- Monthly\_Sales\_Jun
- Monthly\_Sales\_Mar
- Monthly\_Sales\_May
- Monthly\_Sales\_Nov
- Monthly\_Sales\_Oct
- Monthly\_Sales\_Sep
- Product\_ID
- Product\_Name
- Reorder\_Point
- Safety\_Stock
- Supplier\_ID
- Unit\_Cost
- Unit\_Price
- Warehouse\_ID
- Warehouse\_Location

Untitled - Power BI Desktop

**Clipboard**

Sum of Current\_Stock and Count of Products

**Visualizations**

**Data**

Filters on this visual

- Count of Products is (All)
- Sum of Current\_Stock is (All)

Value 1

Sum of Current\_Stock

Value 2

Count of Products

Value 1 weight

Add data fields here

Value 2 weight

Add data fields here

Retain Repeat Values by

Add data fields here

Legend

Add data fields here

Small multiple

Add data fields here

Drill through

Cross-report

Keep all filters

Add drill-through fields here

Require single selection

Add data fields here

Filters on all pages

Add data fields here

ChatGPT data

Claude Projects

- Below\_Reorder\_Point
- Category
- Count of Products
- Current\_Stock
- Current\_Stock (bin)
- Days\_Since\_Last\_Sale
- Holding\_Cost\_Per\_Unit
- Last\_Reorder\_Date
- Lead\_Time\_Days
- Maximum\_Stock
- Monthly\_Sales\_Apr
- Monthly\_Sales\_Aug
- Monthly\_Sales\_Dec
- Monthly\_Sales\_Feb
- Monthly\_Sales\_Jan
- Monthly\_Sales\_Jul
- Monthly\_Sales\_Jun
- Monthly\_Sales\_Mar
- Monthly\_Sales\_May
- Monthly\_Sales\_Nov
- Monthly\_Sales\_Oct
- Monthly\_Sales\_Sep
- Product\_ID
- Product\_Name
- Reorder\_Point
- Safety\_Stock
- Supplier\_ID
- Unit\_Cost
- Unit\_Price
- Warehouse\_ID
- Warehouse\_Location

Untitled - Power BI Desktop

File Home Help Table tools Measure tools

Name Average Stock Level \$ % Auto Data category Uncategorized New Quick measure measure Calculations

Home table Claude Projects Structure Forming Properties

1 Average Stock Level = AVERAGE('Claude Projects'['Current\_Stock'])

Product ID Product Name Category Warehouse ID Warehouse Location Current Stock Reorder Point Maximum Stock Safety Stock Unit Cost Unit Price Monthly Sales Jan Monthly Sales Feb Monthly Sales Mar

1001 Industrial Valve A Mechanical Parts WH01 Chicago 45 80 500 40 125.5 189.99 68 72 65

1002 Hydraulic Pump B Hydraulic Systems WH02 Los Angeles 520 150 800 75 340 510 125 118 130

1003 Steel Bearing C Mechanical Parts WH01 Chicago 180 120 600 60 45.75 68.99 115 108 112

1004 Control Panel D Electronics WH03 Houston 25 60 400 30 280 420 52 48 45

1005 Electric Motor E Electronics WH02 Los Angeles 410 200 900 100 455 682.5 185 178 182

1006 Gear Assembly F Mechanical Parts WH04 Atlanta 890 100 500 50 88.5 132.75 78 72 75

1007 Pneumatic Cylinder G Pneumatic Systems WH01 Chicago 95 110 550 55 167 250.5 98 92 95

1008 Conveyor Belt H Material Handling WH05 Seattle 340 180 700 90 520 780 155 148 152

1009 Sensor Module I Electronics WH03 Houston 15 50 300 25 95 142.5 42 38 40

1010 Cooling Fan J HVAC Components WH02 Los Angeles 620 120 600 60 78 117 98 92 95

1011 Pressure Gauge K Instrumentation WH04 Atlanta 135 100 500 50 62.5 93.75 92 85 88

1012 Coupling Unit L Mechanical Parts WH01 Chicago 55 90 450 45 54 81 75 68 72

1013 Transformer M Electronics WH05 Seattle 480 140 650 70 385 577.5 128 122 125

1014 Hose Assembly N Hydraulic Systems WH03 Houston 110 95 480 48 43.75 65.63 85 78 82

1015 Filter Cartridge O Filtration WH02 Los Angeles 28 75 400 38 28.5 42.75 62 58 60

1016 Shaft Encoder P Automation WH01 Chicago 240 150 700 75 215 322.5 138 132 135

1017 Safety Switch Q Safety Equipment WH04 Atlanta 750 80 450 40 52 78 65 58 62

1018 Junction Box R Electrical WH05 Seattle 92 105 550 53 67.5 101.25 95 88 92

1019 Ball Valve S Plumbing WH02 Los Angeles 385 160 750 80 145 217.5 145 138 142

1020 Relay Module T Electronics WH03 Houston 12 45 280 23 48 72 38 35 36

1021 Lubricant Pump U Lubrication WH01 Chicago 155 130 600 65 178 267 118 112 115

1022 Brake Ped V Safety Equipment WH04 Atlanta 580 95 500 48 36.5 54.75 75 68 72

1023 Compressor W Pneumatic Systems WH05 Seattle 68 85 450 43 425 637.5 72 68 70

1024 Cable Harness X Electrical WH02 Los Angeles 310 175 800 88 89 133.5 158 152 155

1025 Solenoid Valve Y Automation WH03 Houston 42 70 380 35 118 177 65 58 62

1026 Display Panel Z HMI Devices WH01 Chicago 470 110 550 55 295 442.5 102 95 98

1027 Flow Meter AA Instrumentation WH04 Atlanta 125 115 580 58 187.5 281.25 108 102 105

1028 Actuator AB Automation WH05 Seattle 38 65 250 23 142 213 58 52 55

1029 Thermal Sensor AC Instrumentation WH02 Los Angeles 265 140 650 70 73 109.5 128 122 125

1030 Drive Belt AD Mechanical Parts WH03 Houston 620 90 480 45 22.5 33.75 72 65 68

1031 Circuit Breaker AE Electrical WH01 Chicago 175 155 720 78 156 234 145 138 142

1032 Gasket Set AF Sealing WH04 Atlanta 18 55 320 28 15.75 23.63 45 42 45

1033 Spring Assembly AG Mechanical Parts WH05 Seattle 395 170 780 85 58.5 87.75 155 148 152

1034 LED Indicator AH Electronics WH02 Los Angeles 680 85 450 43 18.5 27.75 68 62 65

1035 Pressure Relief AI Safety Equipment WH03 Houston 98 100 520 50 98 147 92 85 88

1036 Limit Switch AJ Automation WH01 Chicago 220 135 640 68 82 123 125 118 122

1 Average Stock Level = AVERAGE('Claude Projects'['Current\_Stock'])

Category Count of Products Current\_Stock Days\_Since\_Last\_Sale Holding\_Cost\_Per\_Unit Last\_Reorder\_Date Lead\_Time\_Days Maximum\_Stock Monthly\_Sales\_Apr Monthly\_Sales\_Aug Monthly\_Sales\_Dec Monthly\_Sales\_Feb Monthly\_Sales\_Jan Monthly\_Sales\_Jul Monthly\_Sales\_Jun Monthly\_Sales\_Mar Monthly\_Sales\_May Monthly\_Sales\_Nov Monthly\_Sales\_Oct Monthly\_Sales\_Sep Product\_ID Product\_Name Reorder\_Point Safety\_Stock Supplier\_ID Unit\_Cost Unit\_Price

Table: Claude Projects (100 rows) Column: Average Stock Level (0 distinct values)

Untitled - Power BI Desktop

File Home Help Table tools Measure tools

Name Claude Projects Manage Relationships New Quick measure measure column New table Mark as date table Calculations

Structure

1 Median Stock Level = MEDIAN('Claude Projects'['Current\_Stock'])

Product ID Product Name Category Warehouse ID Warehouse Location Current Stock Reorder Point Maximum Stock Safety Stock Unit Cost Unit Price Monthly Sales Jan Monthly Sales Feb Monthly Sales Mar

1001 Industrial Valve A Mechanical Parts WH01 Chicago 45 80 500 40 125.5 189.99 68 72 65

1002 Hydraulic Pump B Hydraulic Systems WH02 Los Angeles 520 150 800 75 340 510 125 118 130

1003 Steel Bearing C Mechanical Parts WH01 Chicago 180 120 600 60 45.75 68.99 115 108 112

1004 Control Panel D Electronics WH03 Houston 25 60 400 30 280 420 52 48 45

1005 Electric Motor E Electronics WH02 Los Angeles 410 200 900 100 455 682.5 185 178 182

1006 Gear Assembly F Mechanical Parts WH04 Atlanta 890 100 500 50 88.5 132.75 78 72 75

1007 Pneumatic Cylinder G Pneumatic Systems WH01 Chicago 95 110 550 55 167 250.5 98 92 95

1008 Conveyor Belt H Material Handling WH05 Seattle 340 180 700 90 520 780 155 148 152

1009 Sensor Module I Electronics WH03 Houston 15 50 300 25 95 142.5 42 38 40

1010 Cooling Fan J HVAC Components WH02 Los Angeles 620 120 600 60 78 117 98 92 95

1011 Pressure Gauge K Instrumentation WH04 Atlanta 135 100 500 50 62.5 93.75 92 85 88

1012 Coupling Unit L Mechanical Parts WH01 Chicago 55 90 450 45 54 81 75 68 72

1013 Transformer M Electronics WH05 Seattle 480 140 650 70 385 577.5 128 122 125

1014 Hose Assembly N Hydraulic Systems WH03 Houston 110 95 480 48 43.75 65.63 85 78 82

1015 Filter Cartridge O Filtration WH02 Los Angeles 28 75 400 38 28.5 42.75 62 58 60

1016 Shaft Encoder P Automation WH01 Chicago 240 150 700 75 215 322.5 138 132 135

1017 Safety Switch Q Safety Equipment WH04 Atlanta 750 80 450 40 52 78 65 58 62

1018 Junction Box R Electrical WH05 Seattle 92 105 550 53 67.5 101.25 95 88 92

1019 Ball Valve S Plumbing WH02 Los Angeles 385 160 750 80 145 217.5 145 138 142

1020 Relay Module T Electronics WH03 Houston 12 45 280 23 48 72 38 35 36

1021 Lubricant Pump U Lubrication WH01 Chicago 155 130 600 65 178 267 118 112 115

1022 Brake Ped V Safety Equipment WH04 Atlanta 580 95 500 48 36.5 54.75 75 68 72

1023 Compressor W Pneumatic Systems WH05 Seattle 68 85 450 43 425 637.5 72 68 70

1024 Cable Harness X Electrical WH02 Los Angeles 310 175 800 88 89 133.5 158 152 155

1025 Solenoid Valve Y Automation WH03 Houston 42 70 380 35 118 177 65 58 62

1026 Display Panel Z HMI Devices WH01 Chicago 470 110 550 55 295 442.5 102 95 98

1027 Flow Meter AA Instrumentation WH04 Atlanta 125 115 580 58 187.5 281.25 108 102 105

1028 Actuator AB Automation WH05 Seattle 38 65 250 23 142 213 58 52 55

1029 Thermal Sensor AC Instrumentation WH02 Los Angeles 265 140 650 70 73 109.5 128 122 125

1030 Drive Belt AD Mechanical Parts WH03 Houston 620 90 480 45 22.5 33.75 72 65 68

1031 Circuit Breaker AE Electrical WH01 Chicago 175 155 720 78 156 234 145 138 142

1032 Gasket Set AF Sealing WH04 Atlanta 18 55 320 28 15.75 23.63 45 42 45

1033 Spring Assembly AG Mechanical Parts WH05 Seattle 395 170 780 85 58.5 87.75 155 148 152

1034 LED Indicator AH Electronics WH02 Los Angeles 680 85 450 43 18.5 27.75 68 62 65

1035 Pressure Relief AI Safety Equipment WH03 Houston 98 100 520 50 98 147 92 85 88

1036 Limit Switch AJ Automation WH01 Chicago 220 135 640 68 82 123 125 118 122

1 Median Stock Level = MEDIAN('Claude Projects'['Current\_Stock'])

Category Count of Products Current\_Stock Days\_Since\_Last\_Sale Holding\_Cost\_Per\_Unit Last\_Reorder\_Date Lead\_Time\_Days Maximum\_Stock Monthly\_Sales\_Apr Monthly\_Sales\_May Monthly\_Sales\_Nov Monthly\_Sales\_Oct Monthly\_Sales\_Sep Product\_ID Product\_Name Reorder\_Point Safety\_Stock Supplier\_ID Unit\_Cost

Table: Claude Projects (100 rows) Column: Median Stock Level (0 distinct values)

Untitled - Power BI Desktop

File Home Help Table tools Measure tools

Name Claude Projects

Structure

Product\_ID [ ] Product\_Name [ ] Category [ ] Warehouse\_ID [ ] Warehouse\_Location [ ] Current\_Stock [ ] Reorder\_Point [ ] Maximum\_Stock [ ] Safety\_Stock [ ] Unit\_Cost [ ] Unit\_Price [ ] Monthly\_Sales\_Jan [ ] Monthly\_Sales\_Feb [ ] Monthly\_Sales\_Mar [ ]

1 Min Stock Level = 2 MIN([Claude Projects].[Current\_Stock])

Product\_ID [ ] Product\_Name [ ] Category [ ] Warehouse\_ID [ ] Warehouse\_Location [ ] Current\_Stock [ ] Reorder\_Point [ ] Maximum\_Stock [ ] Safety\_Stock [ ] Unit\_Cost [ ] Unit\_Price [ ] Monthly\_Sales\_Jan [ ] Monthly\_Sales\_Feb [ ] Monthly\_Sales\_Mar [ ]

P001 Industrial Valve A Mechanical Parts WH01 Chicago 45 80 500 40 125.5 189.99 68 72 65 130  
P002 Hydraulic Pump B Hydraulic Systems WH02 Los Angeles 520 150 800 75 340 510 125 118 112 108 108 130  
P003 Steel Bearing C Mechanical Parts WH01 Chicago 180 120 600 60 45.75 68.99 115 115 112 108 108 112  
P004 Control Panel D Electronics WH03 Houston 25 60 400 30 280 420 52 52 48 45 45 45  
P005 Electric Motor E Electronics WH02 Los Angeles 410 200 900 100 455 682.5 185 185 182 178 178 182  
P006 Gear Assembly F Mechanical Parts WH04 Atlanta 890 100 500 50 88.5 132.75 78 78 75 75 75 75  
P007 Pneumatic Cylinder G Pneumatic Systems WH01 Chicago 95 110 550 55 167 250.5 98 98 92 92 92 95  
P008 Conveyor Belt H Material Handling WH05 Seattle 340 180 700 90 520 780 155 148 148 152 152 152  
P009 Sensor Module I Electronics WH03 Houston 15 50 300 25 95 142.5 42 42 38 40 40 40  
P010 Cooling Fan J HVAC Components WH02 Los Angeles 620 120 600 60 78 117 98 98 92 92 95 95  
P011 Pressure Gauge K Instrumentation WH04 Atlanta 135 100 500 50 62.5 93.75 92 92 85 88 88 88  
P012 Coupling Unit L Mechanical Parts WH01 Chicago 55 90 450 45 54 81 75 75 68 72 72 72  
P013 Transformer M Electronics WH05 Seattle 480 140 650 70 385 577.5 128 122 125 125 125 125  
P014 Hose Assembly N Hydraulic Systems WH03 Houston 110 95 480 48 43.75 65.63 85 85 78 82 82 82  
P015 Filter Cartridge O Filtration WH02 Los Angeles 28 75 400 38 28.5 42.75 62 62 58 60 60 60  
P016 Shaft Encoder P Automation WH01 Chicago 240 150 700 75 215 322.5 138 132 132 135 135 135  
P017 Safety Switch Q Safety Equipment WH04 Atlanta 750 80 450 40 52 78 65 65 58 58 58 62  
P018 Junction Box R Electrical WH05 Seattle 92 105 550 53 67.5 101.25 95 95 88 88 88 88

Untitled - Power BI Desktop

File Home Help Table tools Measure tools

Name Claude Projects

Structure

Product\_ID [ ] Product\_Name [ ] Category [ ] Warehouse\_ID [ ] Warehouse\_Location [ ] Current\_Stock [ ] Reorder\_Point [ ] Maximum\_Stock [ ] Safety\_Stock [ ] Unit\_Cost [ ] Unit\_Price [ ] Monthly\_Sales\_Jan [ ] Monthly\_Sales\_Feb [ ] Monthly\_Sales\_Mar [ ]

1 Max Stock Level = 2 MAX([Claude Projects].[Current\_Stock])

Product\_ID [ ] Product\_Name [ ] Category [ ] Warehouse\_ID [ ] Warehouse\_Location [ ] Current\_Stock [ ] Reorder\_Point [ ] Maximum\_Stock [ ] Safety\_Stock [ ] Unit\_Cost [ ] Unit\_Price [ ] Monthly\_Sales\_Jan [ ] Monthly\_Sales\_Feb [ ] Monthly\_Sales\_Mar [ ]

P001 Industrial Valve A Mechanical Parts WH01 Chicago 45 80 500 40 125.5 189.99 68 72 65 130 130 130  
P002 Hydraulic Pump B Hydraulic Systems WH02 Los Angeles 520 150 800 75 340 510 125 118 112 108 108 108  
P003 Steel Bearing C Mechanical Parts WH01 Chicago 180 120 600 60 45.75 68.99 115 115 112 108 108 108  
P004 Control Panel D Electronics WH03 Houston 25 60 400 30 280 420 52 52 48 45 45 45  
P005 Electric Motor E Electronics WH02 Los Angeles 410 200 900 100 455 682.5 185 185 182 178 178 182  
P006 Gear Assembly F Mechanical Parts WH04 Atlanta 890 100 500 50 88.5 132.75 78 78 75 75 75 75  
P007 Pneumatic Cylinder G Pneumatic Systems WH01 Chicago 95 110 550 55 167 250.5 98 98 92 92 95 95  
P008 Conveyor Belt H Material Handling WH05 Seattle 340 180 700 90 520 780 155 148 148 152 152 152  
P009 Sensor Module I Electronics WH03 Houston 15 50 300 25 95 142.5 42 42 38 40 40 40  
P010 Cooling Fan J HVAC Components WH02 Los Angeles 620 120 600 60 78 117 98 98 92 92 95 95  
P011 Pressure Gauge K Instrumentation WH04 Atlanta 135 100 500 50 62.5 93.75 92 92 85 88 88 88  
P012 Coupling Unit L Mechanical Parts WH01 Chicago 55 90 450 45 54 81 75 75 68 72 72 72  
P013 Transformer M Electronics WH05 Seattle 480 140 650 70 385 577.5 128 122 125 125 125 125  
P014 Hose Assembly N Hydraulic Systems WH03 Houston 110 95 480 48 43.75 65.63 85 85 78 82 82 82  
P015 Filter Cartridge O Filtration WH02 Los Angeles 28 75 400 38 28.5 42.75 62 62 58 60 60 60

Untitled - Power BI Desktop

File Home Help Table tools Measure tools

Name Claude Projects

Structure

Product\_ID [ ] Product\_Name [ ] Category [ ] Warehouse\_ID [ ] Warehouse\_Location [ ] Current\_Stock [ ] Reorder\_Point [ ] Maximum\_Stock [ ] Safety\_Stock [ ] Unit\_Cost [ ] Unit\_Price [ ] Monthly\_Sales\_Jan [ ] Monthly\_Sales\_Feb [ ] Monthly\_Sales\_Mar [ ]

1 Stock StDev = 2 STDEV([Claude Projects].[Current\_Stock])

Product\_ID [ ] Product\_Name [ ] Category [ ] Warehouse\_ID [ ] Warehouse\_Location [ ] Current\_Stock [ ] Reorder\_Point [ ] Maximum\_Stock [ ] Safety\_Stock [ ] Unit\_Cost [ ] Unit\_Price [ ] Monthly\_Sales\_Jan [ ] Monthly\_Sales\_Feb [ ] Monthly\_Sales\_Mar [ ]

P001 Industrial Valve A Mechanical Parts WH01 Chicago 45 80 500 40 125.5 189.99 68 72 65 130 130 130  
P002 Hydraulic Pump B Hydraulic Systems WH02 Los Angeles 520 150 800 75 340 510 125 118 112 108 108 108  
P003 Steel Bearing C Mechanical Parts WH01 Chicago 180 120 600 60 45.75 68.99 115 115 112 108 108 108  
P004 Control Panel D Electronics WH03 Houston 25 60 400 30 280 420 52 52 48 45 45 45  
P005 Electric Motor E Electronics WH02 Los Angeles 410 200 900 100 455 682.5 185 185 182 178 178 182  
P006 Gear Assembly F Mechanical Parts WH04 Atlanta 890 100 500 50 88.5 132.75 78 78 75 75 75 75  
P007 Pneumatic Cylinder G Pneumatic Systems WH01 Chicago 95 110 550 55 167 250.5 98 98 92 92 95 95  
P008 Conveyor Belt H Material Handling WH05 Seattle 340 180 700 90 520 780 155 148 148 152 152 152  
P009 Sensor Module I Electronics WH03 Houston 15 50 300 25 95 142.5 42 42 38 40 40 40  
P010 Cooling Fan J HVAC Components WH02 Los Angeles 620 120 600 60 78 117 98 98 92 92 95 95  
P011 Pressure Gauge K Instrumentation WH04 Atlanta 135 100 500 50 62.5 93.75 92 92 85 88 88 88  
P012 Coupling Unit L Mechanical Parts WH01 Chicago 55 90 450 45 54 81 75 75 68 72 72 72  
P013 Transformer M Electronics WH05 Seattle 480 140 650 70 385 577.5 128 122 125 125 125 125  
P014 Hose Assembly N Hydraulic Systems WH03 Houston 110 95 480 48 43.75 65.63 85 85 78 82 82 82  
P015 Filter Cartridge O Filtration WH02 Los Angeles 28 75 400 38 28.5 42.75 62 62 58 60 60 60  
P016 Shaft Encoder P Automation WH01 Chicago 240 150 700 75 215 322.5 138 132 132 135 135 135  
P017 Safety Switch Q Safety Equipment WH04 Atlanta 750 80 450 40 52 78 65 65 58 58 58 62  
P018 Junction Box R Electrical WH05 Seattle 92 105 550 53 67.5 101.25 95 95 88 88 88 88  
P019 Ball Valve S Plumbing WH02 Los Angeles 385 160 750 80 145 217.5 145 138 142 142 142 142  
P020 Relay Module T Electronics WH03 Houston 12 45 280 23 48 72 38 35 36 36 36 36  
P021 Lubricant Pump U Lubrication WH01 Chicago 155 130 600 65 178 267 118 112 115 115 115  
P022 Brake Ped V Safety Equipment WH04 Atlanta 580 95 500 48 36.5 54.75 75 68 72 72 72 72  
P023 Compressor W Pneumatic Systems WH05 Seattle 68 85 450 43 425 637.5 72 68 70 70 70 70  
P024 Cable Harness X Electrical WH02 Los Angeles 310 175 800 88 89 132.5 158 152 155 155 155  
P025 Solenoid Valve Y Automation WH03 Houston 42 70 380 35 118 177 65 65 58 62 62 62  
P026 Display Panel Z HMI Devices WH01 Chicago 470 110 550 55 295 442.5 102 95 98 98 98  
P027 Flow Meter AA Instrumentation WH04 Atlanta 125 115 580 58 187.5 281.25 108 102 105 105 105  
P028 Actuator AB Automation WH05 Seattle 38 65 250 33 142 213 58 52 55 55 55 55  
P029 Thermal Sensor AC Instrumentation WH02 Los Angeles 265 140 650 70 73 109.5 128 122 125 125 125  
P030 Drive Belt AD Mechanical Parts WH03 Houston 820 90 480 45 22.5 33.75 72 65 68 68 68 68  
P031 Circuit Breaker AE Electrical WH01 Chicago 175 155 720 78 156 234 145 138 142 142 142 142

**Untitled - Power BI Desktop**

**File Home Insert Modeling View Optimize Help Format Data / Drill Table tools**

**Structure**

```

1 Stock_Statistics =
2 {
3     ("Average", AVERAGE(Cloud_Projects[Current_Stock])),
4     ("Median", MEDIAN(Cloud_Projects[Current_Stock])),
5     ("Minimum", MIN(Cloud_Projects[Current_Stock])),
6     ("Maximum", MAX(Cloud_Projects[Current_Stock])),
7     ("Std Deviation", STDEV.P(Cloud_Projects[Current_Stock]))
8 }

```

**Visualizations**

**Value1 Summary**

Average	294.96
Maximum	1,050.00
Median	222.50
Minimum	8.00
Std Deviation	276.89
<b>Total</b>	<b>1,852.35</b>

**Data**

- Σ Holding\_Cost\_Per\_Unit
- Σ Last\_Reorder\_Date
- Σ Lead\_Time\_Days
- Σ Max\_Stock\_Level
- Σ Maximum\_Stock
- Σ Median\_Stock\_Level
- Σ Min\_Stock\_Level
- Σ Monthly\_Sales\_Apr
- Σ Monthly\_Sales\_Aug
- Σ Monthly\_Sales\_Dec
- Σ Monthly\_Sales\_Feb
- Σ Monthly\_Sales\_Jan
- Σ Monthly\_Sales\_Jul
- Σ Monthly\_Sales\_Jun
- Σ Monthly\_Sales\_Mar
- Σ Monthly\_Sales\_May
- Σ Monthly\_Sales\_Nov
- Σ Monthly\_Sales\_Oct
- Σ Monthly\_Sales\_Sep
- Product\_ID
- Product\_Name
- Reorder\_Point
- Safety\_Stock
- Stock\_StdDev
- Supplier\_ID
- Unit\_Cost
- Unit\_Price
- Warehouse\_ID
- Warehouse\_Location
- Stock\_Statistics
- Value1
- Σ Value2

**Page 2 of 2**

**Untitled - Power BI Desktop**

**File Home Insert Modeling View Optimize Help Format Data / Drill Table tools**

**Clipboard**

**Sum of Value2 by Value1**

Value1	Sum of Value2
Average	294.96
Maximum	1.05K
Median	222.50
Minimum	8.00

**Visualizations**

**Sum of Value2 by Value1**

**Data**

- Σ Holding\_Cost\_Per\_Unit
- Σ Last\_Reorder\_Date
- Σ Lead\_Time\_Days
- Σ Max\_Stock\_Level
- Σ Maximum\_Stock
- Σ Median\_Stock\_Level
- Σ Min\_Stock\_Level
- Σ Monthly\_Sales\_Apr
- Σ Monthly\_Sales\_Aug
- Σ Monthly\_Sales\_Dec
- Σ Monthly\_Sales\_Feb
- Σ Monthly\_Sales\_Jan
- Σ Monthly\_Sales\_Jul
- Σ Monthly\_Sales\_Jun
- Σ Monthly\_Sales\_Mar
- Σ Monthly\_Sales\_May
- Σ Monthly\_Sales\_Nov
- Σ Monthly\_Sales\_Oct
- Σ Monthly\_Sales\_Sep
- Product\_ID
- Product\_Name
- Reorder\_Point
- Safety\_Stock
- Stock\_StdDev
- Supplier\_ID
- Unit\_Cost
- Unit\_Price
- Warehouse\_ID
- Warehouse\_Location
- Stock\_Statistics
- Value1
- Σ Value2

**Page 3 of 3**

Untitled - Power BI Desktop

File Home Help Table tools Column tools

Name: Is\_Shortage Data type: Whole number

Format: \$ % #,###,##0

Summarization: Sum Data category: Uncategorized Sort by column Sort Data groups Groups Manage relationships New column Calculations

Structure:

```

1 Is_Shortage =
IF(
    [Claude Projects].[Current_Stock] <
    [Claude Projects].[Reorder_Point],
    1,
    0
)
  
```

Data

Search: Claude Projects

Category

- Count of Products
- Current\_Stock
- Current\_Stock (bins)
- Days\_Since\_Last\_Sale
- Holding\_Cost\_Per\_Unit
- Is\_Shortage
- Last\_Reorder\_Date
- Lead\_Time\_Days
- Max Stock Level
- Median Stock Level
- Min Stock Level
- Monthly\_Sales\_Apr
- Monthly\_Sales\_Aug
- Monthly\_Sales\_Dec
- Monthly\_Sales\_Feb
- Monthly\_Sales\_Jan
- Monthly\_Sales\_Jul
- Monthly\_Sales\_Jun
- Monthly\_Sales\_Mar
- Monthly\_Sales\_May
- Monthly\_Sales\_Nov
- Monthly\_Sales\_Oct
- Monthly\_Sales\_Sep
- Product\_ID
- Product\_Name
- Reorder\_Point
- Safety\_Stock

Table: Claude\_Personnel (100 rows) Columns: Is\_Shortage (1 distinct value)

	Monthly_Sales_Out	Monthly_Sales_New	Monthly_Sales_Dev	Lead_Time_Days	Holding_Cost_Per_Unit	Last_Reorder_Date	Supplier_ID	Days_Since_Last_Sale	Below_Reorder_Point	Current_Stock (bins)	Is_Shortage
68	71	65	69	14	6.28	Monday, December 15, 2025	SUP001	3	Yes	0	1
125	127	118	132	21	1.7	Friday, November 28, 2025	SUP002	2	No	500	0
112	118	105	114	10	2.29	Monday, January 5, 2026	SUP003	1	No	100	0
49	52	46	48	18	1.4	Monday, October 20, 2025	SUP004	5	Yes	0	1
182	188	175	184	25	2.75	Monday, December 1, 2025	SUP005	1	No	400	0
75	82	70	79	12	4.43	Monday, September 15, 2025	SUP001	8	No	800	0
95	102	88	99	16	6.85	Sunday, January 18, 2026	SUP006	4	Yes	0	1
152	158	145	154	30	2.6	Monday, November 10, 2025	SUP007	2	No	300	0
40	45	35	41	12	4.73	Wednesday, December 28, 2025	SUP004	7	Yes	0	1
95	102	88	99	14	3.9	Sunday, October 5, 2025	SUP008	12	No	600	0
88	95	82	91	10	3.13	Thursday, January 22, 2026	SUP009	2	No	100	0
72	78	65	74	15	2.7	Tuesday, November 18, 2025	SUP001	6	Yes	0	1
125	132	118	127	22	19.25	Monday, December 8, 2025	SUP005	15	No	400	0
82	88	75	84	11	2.19	Monday, January 12, 2026	SUP002	3	No	100	0
60	65	55	61	8	1.43	Wednesday, January 28, 2026	SUP010	8	Yes	0	1
135	142	128	137	20	10.75	Saturday, December 20, 2025	SUP011	1	No	200	0
62	68	55	64	9	2.6	Tuesday, September 30, 2025	SUP012	18	No	700	0
92	98	85	94	13	3.38	Thursday, January 8, 2026	SUP004	5	Yes	0	1
142	148	135	144	17	7.25	Tuesday, November 23, 2025	SUP001	2	No	300	0
36	42	32	37	10	2.4	Sunday, February 1, 2026	SUP005	9	Yes	0	1
115	122	108	117	19	8.9	Thursday, January 15, 2026	SUP013	3	No	100	0
72	78	65	74	11	1.83	Sunday, October 12, 2025	SUP012	22	No	500	0
70	75	65	71	28	21.25	Friday, December 5, 2025	SUP006	6	Yes	0	1
153	162	148	157	15	4.43	Sunday, November 30, 2025	SUP014	2	No	300	0
62	68	55	64	14	5.9	Tuesday, January 20, 2026	SUP002	7	Yes	0	1
98	105	92	101	24	14.75	Wednesday, November 5, 2025	SUP015	19	No	400	0
105	112	98	107	18	9.88	Saturday, January 10, 2026	SUP009	2	No	100	0
55	62	48	57	16	7.7	Sunday, January 23, 2026	SUP011	8	Yes	0	1
125	132	118	127	12	1.65	Friday, December 12, 2025	SUP003	1	No	200	0
68	75	62	71	8	1.12	Thursday, September 25, 2025	SUP001	25	No	800	0
142	148	135	144	20	7.8	Sunday, December 28, 2025	SUP004	1	No	100	0
43	48	38	44	7	0.79	Monday, February 2, 2026	SUP016	77	Yes	0	1

Untitled - Power BI Desktop

File Home Help Table tools Measure tools

Name: Shortage Count Home table: Claude Projects

Format: Whole number

Summarization: Sum Data category: Uncategorized Quick measure measure Calculations

Structure:

```

1 Shortage Count =
CALCULATE(
    COUNTROWS('Claude Projects'),
    'Claude Projects'[Current_Stock] <
    'Claude Projects'[Reorder_Point]
)
  
```

Data

Search: Holding\_Cost\_Per\_Unit

Category

- Count of Products
- Current\_Stock
- Current\_Stock (bins)
- Days\_Since\_Last\_Sale
- Holding\_Cost\_Per\_Unit
- Is\_Shortage
- Last\_Reorder\_Date
- Lead\_Time\_Days
- Max Stock Level
- Median Stock Level
- Min Stock Level
- Monthly\_Sales\_Apr
- Monthly\_Sales\_Aug
- Monthly\_Sales\_Dec
- Monthly\_Sales\_Feb
- Monthly\_Sales\_Jan
- Monthly\_Sales\_Jul
- Monthly\_Sales\_Jun
- Monthly\_Sales\_Mar
- Monthly\_Sales\_May
- Monthly\_Sales\_Nov
- Monthly\_Sales\_Oct
- Monthly\_Sales\_Sep
- Product\_ID
- Product\_Name
- Reorder\_Point
- Safety\_Stock
- Shortage Count

Table: Claude\_Personnel (100 rows) Columns: Shortage Count (1 distinct value)

	Product_ID	Product_Name	Category	Warehouse_ID	Warehouse_Location	Current_Stock	Reorder_Point	Maximum_Stock	Safety_Stock	Unit_Cost	Unit_Price	Monthly_Sales_Jan	Monthly_Sales_Feb	Monthly_Sales
P001	Industrial Valve A	Mechanical Parts	WH001	Chicago	45	80	500	40	125.5	188.99	68	72	128	
P002	Hydraulic Pump B	Hydraulic Systems	WH002	Los Angeles	520	150	800	75	340	510	125	118	118	
P003	Steel Bearing C	Mechanical Parts	WH001	Chicago	180	120	600	60	45.75	68.99	115	108	108	
P004	Control Panel D	Electronics	WH003	Houston	25	60	400	30	280	420	52	48	48	
P005	Electric Motor E	Electronics	WH002	Los Angeles	410	200	900	100	455	682.5	185	178	178	
P006	Gear Assembly F	Mechanical Parts	WH004	Atlanta	890	100	500	50	68.5	132.75	78	72	72	
P007	Pneumatic Cylinder G	Pneumatic Systems	WH001	Chicago	95	110	550	55	167	250.5	98	92	92	
P008	Conveyor Belt H	Material Handling	WH005	Seattle	340	180	700	90	520	780	155	148	148	
P009	Sensor Module I	Electronics	WH003	Houston	15	50	300	25	95	142.5	42	38	38	
P010	Cooling Fan J	HVAC Components	WH002	Los Angeles	620	120	600	60	78	117	98	92	92	
P011	Pressure Gauge K	Instrumentation	WH004	Atlanta	135	100	500	50	62.5	93.75	92	85	85	
P012	Coupling Unit L	Mechanical Parts	WH001	Chicago	55	90	450	45	54	81	75	68	68	
P013	Transformer M	Electronics	WH005	Seattle	480	140	650	70	385	577.5	128	122	122	
P014	Hose Assembly N	Hydraulic Systems	WH003	Houston	110	95	480	48	43.75	65.63	85	78	78	
P015	Filter Cartridge O	Filtration	WH002	Los Angeles	28	75	400	38	28.5	42.75	62	58	58	
P016	Shaft Encoder P	Automation	WH001	Chicago	240	150	700	75	215	322.5	138	132	132	
P017	Junction Box Q	Electrical	WH005	Seattle	750	80	450	40	52	78	65	58	58	
P018	Ball Valve S	Plumbing	WH002	Los Angeles	365	160	750	80	145	217.5	145	138	138	
P019	Relay Module T	Electronics	WH003	Houston	12	45	280	23	48	72	38	35	35	
P020	Lubricant Pump U	Lubrication	WH001	Chicago	155	130	600	65	178	267	118	112	112	
P021	Brake Ped V	Safety Equipment	WH004	Atlanta	580	95	500	48	36.5	54.75	75	68	68	
P023	Compressor W	Pneumatic Systems	WH005	Seattle	68	85	450	43	425	637.5	72	68	68	
P024	Cable Harness X	Electrical	WH002	Los Angeles	310	175	800	68	89	133.5	158	152	152	
P025	Solenoid Valve Y	Automation	WH003	Houston	42	70	380	35	118	177	65	58	58	

Untitled - Power BI Desktop

**Measure tools**

Name: Shortage Percentage | Format: General | Data category: Uncategorized | New Quick measure | Calculations

**Structure**

```

1 Shortage Percentage =
DIVIDE(
    [Shortage Count],
    [Count of Products],
    0
) * 100
  
```

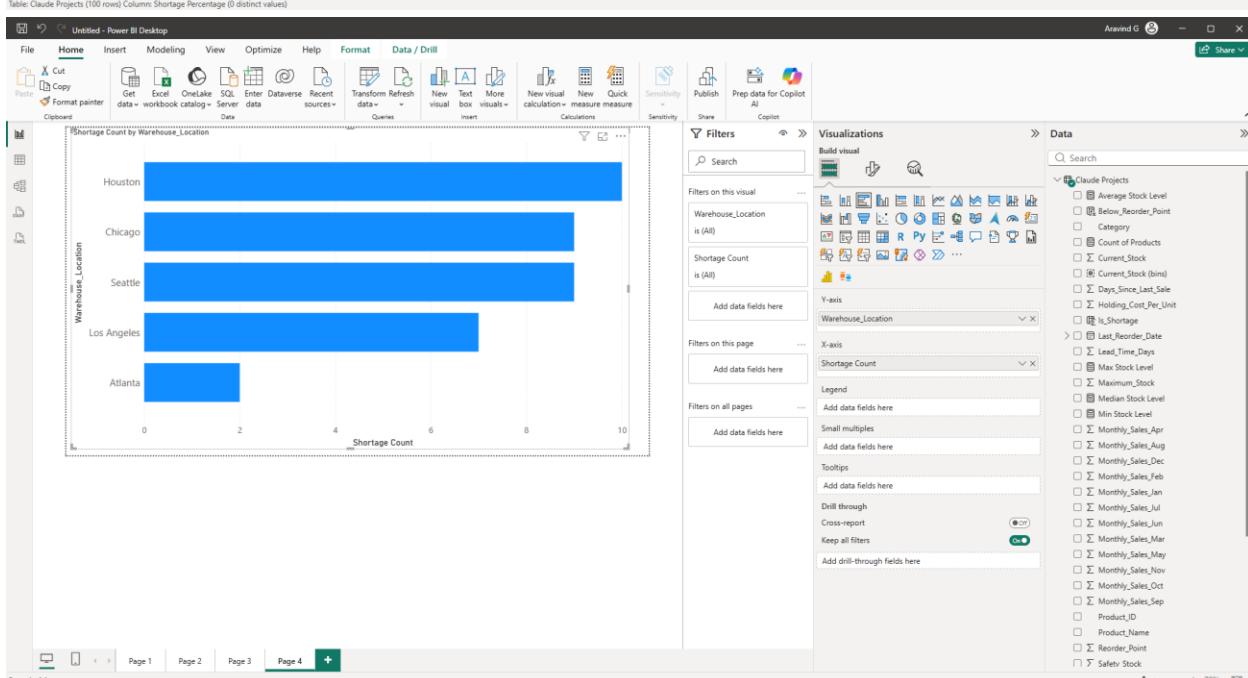
**Data**

Search: Is\_Shortage

- Last\_Reorder\_Date
- Lead\_Time\_Days
- Max Stock Level
- Median Stock Level
- Min Stock Level
- Monthly\_Sales\_Apr
- Monthly\_Sales\_Aug
- Monthly\_Sales\_Dec
- Monthly\_Sales\_Feb
- Monthly\_Sales\_Jan
- Monthly\_Sales\_Jul
- Monthly\_Sales\_Jun
- Monthly\_Sales\_Mar
- Monthly\_Sales\_May
- Monthly\_Sales\_Nov
- Monthly\_Sales\_Oct
- Monthly\_Sales\_Sep
- Product\_ID
- Product\_Name
- Reorder\_Point
- Safety\_Stock
- Shortage Count
- Shortage Percentage
- Stock\_StdDev
- Supplier\_ID
- Unit\_Cost
- Unit\_Price
- Warehouse\_ID
- Warehouse\_Location
- Stock\_Statistics

**Table: Claude Projects (100 rows)**

Product_ID	Product_Name	Category	Warehouse_ID	Warehouse_Location	Current_Stock	Reorder_Point	Maximum_Stock	Safety_Stock	Unit_Cost	Unit_Price	Monthly_Sales_Jan	Monthly_Sales_Feb	Monthly_Sales
P001	Industrial Valve A	Mechanical Parts	WH01	Chicago	45	80	500	75	125.5	189.99	68	72	140
P002	Hydraulic Pump B	Hydraulic Systems	WH02	Los Angeles	500	150	800	75	240	260.5	125	118	243
P003	Steel Beams C	Mechanical Parts	WH01	Chicago	180	120	600	60	45.75	68.99	115	108	223
P004	Control Panel D	Electronics	WH03	Houston	25	60	400	30	280	420	52	48	100
P005	Electric Motor E	Electronics	WH02	Los Angeles	410	200	900	100	455	682.5	185	170	355
P006	Gear Assembly F	Mechanical Parts	WH04	Atlanta	890	100	500	50	88.5	120.75	78	72	160
P007	Pneumatic Cylinder G	Pneumatic Systems	WH01	Chicago	85	110	550	55	167	250.5	98	92	185
P008	Conveyor Belt H	Material Handling	WH05	Seattle	340	180	700	90	520	780	155	148	295
P009	Sensor Module I	Electronics	WH03	Houston	15	50	300	25	95	142.5	42	38	75
P010	Cooling Fan J	HVAC Components	WH02	Los Angeles	620	120	600	60	78	117	98	92	160
P011	Pressure Gauge K	Instrumentation	WH04	Atlanta	135	100	500	50	62.5	93.75	92	85	115
P012	Coupling Unit L	Mechanical Parts	WH01	Chicago	55	90	450	45	54	81	75	68	105
P013	Transformer M	Electronics	WH05	Seattle	480	140	650	70	385	577.5	128	122	255
P014	Hose Assembly N	Hydraulic Systems	WH03	Houston	110	95	480	48	43.75	65.63	85	78	135
P015	Filter Cartridge O	Filtration	WH02	Los Angeles	28	75	400	38	28.5	42.75	62	58	85
P016	Shaft Encoder P	Automation	WH01	Chicago	240	150	700	75	215	322.5	138	132	260
P017	Safety Switch Q	Safety Equipment	WH04	Atlanta	750	80	450	40	52	78	65	58	155
P018	Junction Box R	Electrical	WH05	Seattle	92	105	550	53	67.5	101.25	95	88	110
P019	Ball Valve S	Plumbing	WH02	Los Angeles	385	160	750	80	145	217.5	145	138	225
P020	Relay Module T	Electronics	WH03	Houston	12	45	280	23	48	72	38	35	55
P021	Lubricant Pump U	Lubrication	WH01	Chicago	155	130	600	65	178	267	118	112	180
P022	Brake Pad V	Safety Equipment	WH04	Atlanta	580	95	500	48	36.5	54.75	75	68	145
P023	Compressor W	Pneumatic Systems	WH05	Seattle	68	85	450	43	42.5	63.75	72	68	95
P024	Cable Harness X	Electrical	WH02	Los Angeles	310	175	800	88	89	135.5	158	152	210
P025	Solenoid Valve Y	Automation	WH03	Houston	42	70	380	35	118	177	65	58	85
P026	Display Panel Z	HMI Devices	WH01	Chicago	470	110	550	55	295	442.5	102	95	180
P027	Flow Meter AA	Instrumentation	WH04	Atlanta	125	115	580	58	187.5	281.25	108	102	145
P028	Actuator AB	Automation	WH05	Seattle	38	65	350	33	142	213	58	52	85
P029	Thermal Sensor AC	Instrumentation	WH02	Los Angeles	265	140	650	70	73	109.5	128	122	185
P030	Drive Belt AD	Mechanical Parts	WH03	Houston	820	90	480	45	22.5	33.75	72	65	155
P031	Circuit Breaker AE	Electrical	WH01	Chicago	175	155	720	78	158	234	145	138	190
P032	Gasket Set AF	Sealing	WH04	Atlanta	18	55	320	28	15.75	23.63	45	42	65
P033	Spring Assembly AG	Mechanical Parts	WH05	Seattle	395	170	780	85	58.5	87.75	155	148	185



Untitled - Power BI Desktop

**Home**

**Clipboard**

**Queries**

**Transform**

**Refresh**

**Queries**

**Visualizations**

**Data**

**Filters**

**Build visual**

**Visualizations**

**Data**

**Warehouse\_Location**

**Count of Products**

**Shortage Count**

**Shortage Percentage**

Warehouse_Location	Count of Products	Shortage Count	Shortage Percentage
Atlanta	19	2	10.53
Chicago	21	9	42.86
Houston	20	10	50.00
Los Angeles	21	7	33.33
Seattle	19	9	47.37
<b>Total</b>	<b>100</b>	<b>37</b>	<b>37.00</b>

Page 5 of 5

Untitled - Power BI Desktop

**Home**

**Clipboard**

**Queries**

**Transform**

**Refresh**

**Queries**

**Visualizations**

**Data**

**Filters**

**Build visual**

**Visualizations**

**Data**

**Warehouse\_Location**

**Automation**

**Electrical**

**Electronics**

**Fasteners**

**Filtration**

**Hardware**

**Instrumentation**

**Mechanical**

**Parts**

**Pneumatic**

**Systems**

**Safety**

**Equipment**

**Sealing**

**Total**

Warehouse_Location	Count of Products	Shortage Count	NGT Shortage Percentage
Atlanta	19	2	28.45%
Chicago	21	9	115.63%
Houston	20	10	135.14%
Los Angeles	21	7	90.90%
Seattle	19	9	118.00%
<b>Total</b>	<b>100</b>	<b>37</b>	<b>100.00%</b>

Page 5 of 5

**Power BI Desktop - Untitled**

**Column tools**

**Structure**

```

1 Stock_Status =
2   VAR CurrentStock = 'Claude Projects'[Current_Stock]
3   VAR ReorderPoint = 'Claude Projects'[Reorder_Point]
4   VAR MaxStock = 'Claude Projects'[Maximum_Stock]
5   VAR OptimalRange = (MaxStock - ReorderPoint) * 0.3
6
7   RETURN
8   SWITCH(
9     TRUE(),
10    CurrentStock < ReorderPoint, "Low",
11    CurrentStock > ReorderPoint && CurrentStock <= (ReorderPoint + OptimalRange), "Optimal",
12    CurrentStock > (ReorderPoint + OptimalRange), "Excess"
13 )
  
```

**Data**

Table: Claude Projects (100 rows); Column: Stock\_Status (3 distinct values)

Stock_Status	Count
Low	37
Optimal	29
Excess	34

**Power BI Desktop - Untitled**

**Home**

**Visualizations**

**Count of Products by Stock\_Status**

**Legend:**

- Low
- Optimal
- Excess

**Data**

Filter pane:

- Search: stock
- Claude Projects:
  - Average\_Stock\_Level
  - Current\_Stock
  - Current\_Stock(bins)
  - Excess\_Stock\_Count
  - Low\_Stock\_Count
  - Max\_Stock\_Level
  - Maximum\_Stock
  - Median\_Stock\_Level
  - Min\_Stock\_Level
  - Optimal\_Stock\_Count
  - Safety\_Stock
  - Stock\_StdDev
  - Stock\_Status
  - Value1
  - Value2

Supply\_chain - Last saved: Today at 10:52 am

Arvind G Share

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Paste Format painter

Get data - workbook catalog - Server Data Recent sources Transform Refresh Queries New visual Text box More visuals Insert New visual calculation Insert New quick measure Insert Calculations Sensitivity Publish Prep data for Copilot AI Copilot

Clipboard

Product\_ID Product\_Name Category Sum of Annual\_Sales Sum of Current\_Stock Sum of Inventory\_Turnover

P040	O-Ring Kit AN	Sealing	399	8	16.38
P070	Pin Connector BR	Electrical	439	12	16.67
P086	Rivet Set CH	Fasteners	480	15	16.00
P020	Relay Module T	Electronics	439	12	15.40
P056	Rubber Seal BD	Sealing	480	15	15.24
P096	Spacer Kit CR	Hardware	518	18	15.24
P045	Clamp Assembly AS	Fasteners	600	22	14.00
P075	Bolt Kit BW	Fasteners	518	18	14.80
P091	Clip Set CM	Hardware	518	22	14.80
P009	Sensor Module I	Electronics	480	15	14.77
P032	Gasket Set AF	Sealing	518	18	14.19
P065	Motion Sensor BM	Automation	663	32	14.11
P015	Filter Cartridge O	Filtration	720	28	13.98
P048	Power Supply AV	Electronics	720	35	13.98
P024	Control Panel D	Electronics	576	25	13.55
P025	Solenoid Valve Y	Automation	744	42	13.29
P099	Smart Sensor CU	Automation	783	48	13.27
P054	Level Sensor BB	Instrumentation	783	48	13.05
P028	Actuator AB	Automation	663	38	12.87
P078	Current Sensor BZ	Instrumentation	720	44	12.86
P001	Industrial Valve A	Mechanical Parts	790	45	12.64
P084	Hall Effect Sensor CF	Automation	783	52	12.63
P094	Inductive Sensor CP	Automation	824	58	12.39
P089	Vacuum Gauge CK	Instrumentation	903	68	12.04
P059	Pressure Transducer BG	Instrumentation	842	62	12.03
P012	Coupling Unit L	Mechanical Parts	864	55	11.92
P038	Capacitor AL	Electronics	744	52	11.72
P081	Encoder Module CC	Automation	1064	85	11.63
P068	Photoelectric Sensor BP	Automation	744	58	11.63
P073	Air Filter BU	Filtration	944	78	11.37
P043	Voltage Regulator AQ	Electronics	864	72	11.22
P018	Junction Box R	Electrical	1104	92	11.21
P062	Terminal Block BJ	Electrical	1104	95	11.21
<b>Total</b>			<b>112710</b>	<b>29496</b>	<b>860.67</b>

Sum of Inventory\_Turnover by Category

Visualizations Build visual Filters

X-axis Category

Y-axis Sum of Inventory\_Turnover

Legend Add data fields here Small multiples Add data fields here Tooltips Add data fields here Drill through Cross-report Keep all filters Add drill-through fields here

Page 7 of 7 Page 1 Page 2 Page 3 Page 4 Page 5 Page 6 Page 7 +

Supply\_chain - Last saved: Today at 11:00 am

Arvind G Share

File Home Insert Modeling View Optimize Help Format Data / Drill

New page + New visual visual influencers Decomposition Narrative tree AI Issues

Regulated Power Power Automate Buttons Shapes Image Add a baseline Spans

IDENTIFY SLOW-MOVING PRODUCTS

Product_ID	Product_Name	Category	Warehouse_Location	Sum of Current_Stock	Sum of Sales_Velocity	Sum of Days_of_Supply	Sum of Inventory_Turnover	Movement_Category
P006	Gear Assembly F	Mechanical Parts	Atlanta	890	75.83	152.09	1.84	Very Slow-Moving
P017	Safety Switch Q	Safety Equipment	Atlanta	750	62.00	362.90	1.79	Very Slow-Moving
P022	Brake Pad V	Safety Equipment	Atlanta	580	72.00	241.67	2.56	Very Slow-Moving
P030	Drive Belt AD	Mechanical Parts	Houston	820	68.67	358.25	1.81	Very Slow-Moving
P031	LED Indicator AH	Electronics	Los Angeles	680	65.25	312.64	2.05	Very Slow-Moving
P032	Pressure System AK	Mechanical Handling	Atlanta	745	78.67	284.11	2.37	Very Slow-Moving
P042	Choke Valve Z	Mechanical Parts	Atlanta	595	70.17	234.39	2.47	Very Slow-Moving
P050	Mounting Bracket AX	Hardware	Houston	925	60.00	462.50	1.44	Very Slow-Moving
P053	Bushing BA	Mechanical Parts	Seattle	780	65.25	356.62	1.82	Very Slow-Moving
P058	Strainer BF	Filtration	Seattle	685	75.25	273.09	2.32	Very Slow-Moving
P066	Fastener Kit BL	Hardware	Los Angeles	870	55.25	472.40	1.41	Very Slow-Moving
P068	Pulley Belt BD	Mechanical Parts	Atlanta	725	68.67	316.75	2.03	Very Slow-Moving
P072	Washer Set BT	Hardware	Atlanta	950	53.57	555.05	1.26	Very Slow-Moving
P077	Spring BV	Mechanical Parts	Atlanta	815	72.00	339.98	1.38	Very Slow-Moving
P080	Nut Assembly CB	Hardware	Houston	1050	50.00	630.00	1.08	Very Slow-Moving
P083	Shim Set CE	Mechanical Parts	Seattle	695	62.00	336.29	1.92	Very Slow-Moving
P085	Pin Assembly CI	Mechanical Parts	Seattle	845	60.00	422.50	1.57	Very Slow-Moving
P095	Key Starter CO	Mechanical Parts	Seattle	775	65.25	336.32	1.83	Very Slow-Moving
P096	Brake Pad CT	Mechanical Parts	Seattle	685	60.00	324.50	1.93	Very Slow-Moving
P002	Hydraulic Pump BM	Hydraulic Systems	Los Angeles	520	133.33	126.49	4.42	Slow-Moving
P010	Cooling Fan J	HVAC Components	Los Angeles	620	95.50	194.76	3.10	Slow-Moving
P013	Transformer M	Electronics	Seattle	480	125.25	114.97	4.85	Slow-Moving
P024	Dimmer Switch T	Electrical	Chicago	470	68.67	147.01	4.08	Slow-Moving
<b>Total</b>				<b>16295</b>	<b>20447.5</b>	<b>7928.26</b>	<b>66.66</b>	

Warehouse\_Location Fast-Moving Medium-Moving Slow-Moving Very Slow-Moving Total

Atlanta	1	10	8	19	21
Chicago	5	12	4	21	21
Houston	9	5	3	20	20
Los Angeles	7	10	2	21	21
<b>Total</b>	<b>25</b>	<b>49</b>	<b>7</b>	<b>19</b>	<b>100</b>

₹ 80.63K Slow Moving Holding Cost

Visualizations Build visual Filters

Columns Product\_ID Product\_Name Category Warehouse\_Location Sum of Current\_Stock Sum of Sales\_Velocity Sum of Days\_of\_Supply Sum of Inventory\_Turnover Movement\_Category

Drill through Cross-report Keep all filters Add drill-through fields here

**Stock Health Dashboard**

**Total Products:** 100 Count of Products

**Low Stock Items:** 37 Low Stock Count

**Optimal Stock Items:** 34 Optimal Stock Count

**Excess Stock Items:** 29 Excess Stock Count

**Average of Inventory\_Turnover by Category:**

**Stock Status Distribution:**

**Stock Shortages by Warehouse:**

Warehouse_Location	Shortage Count
Houston	10
Chicago	7
Seattle	7
Los Angeles	2
Atlanta	2

**Sum of Current\_Stock by Warehouse\_Location:**

Warehouse_Location	Sum of Current_Stock
Atlanta	260.17
Seattle	356.62
Houston	254.39
Chicago	194.81
Drive Belt AD	142.91
Mechanical Parts	358.62
Heat Exchanger BI	427.40
Hardware	362.09
DC	139.26

**Products Requiring Immediate Replenishment:**

Product_Name	Warehouse_Location	Sum of Current_Stock	Sum of Days_of_Supply
O-Ring Kit AN	Houston	8	30
Pin Connector BR	Houston	12	30
Rivet Set CH	Chicago	15	28
Rubber Seal BD	Chicago	15	28
Sensor Module I	Houston	10	28
Gasket Set AF	Atlanta	18	28
Relay Module T	Atlanta	18	28
Filter Cartridge C	Chicago	15	28
Control Panel D	Houston	25	60
Power Supply AV	Seattle	35	68
Total		153	260.17

**Supply\_chain \* Last saved: Today at 12:15 pm**

**Replenishment:**

Product_ID	Product_Name	Warehouse_Location	Sum of Current_Stock	Sum of Reorder_Point	Sum of Safety_Stock	Replenishment_Priority	Sum of Recommended_Order_Qty	Supplier_ID	Sum of Lead_Time_Days
P004	Control Panel D	Houston	25	60	30	Critical - Order Now	381.00	SUP004	60
P015	Filter Cartridge C	Los Angeles	28	75	30	Critical - Order Now	378.00	SUP010	75
P020	Relay Module T	Houston	12	45	28	Critical - Order Now	272.00	SUP005	45
P032	Gasket Set AF	Atlanta	18	55	28	Critical - Order Now	307.60	SUP016	55
P040	O-Ring Kit AN	Houston	8	40	20	Critical - Order Now	246.00	SUP016	40
P045	Clamp Assembly AS	Houston	22	58	29	Critical - Order Now	293.80	SUP017	58
P050	Rubber Seal BD	Chicago	15	48	24	Critical - Order Now	269.80	SUP006	48
P070	Pin Connector BR	Houston	12	42	21	Critical - Order Now	252.20	SUP004	42
P075	Bolt Kit BW	Houston	18	52	24	Critical - Order Now	287.20	SUP017	52
P086	Rivet Set CH	Chicago	15	45	23	Critical - Order Now	259.60	SUP017	45
P091	Clip Set CM	Chicago	22	48	24	Critical - Order Now	262.80	SUP017	48
P096	Spacer Kit CR	Chicago	18	50	25	Critical - Order Now	277.00	SUP017	50
P048	Power Supply AV	Seattle	35	68	34	Urgent - Order Today	351.00	SUP005	68
Total			263	736	370		4,131.00		

**Sum of Lead\_Time\_Days by Product\_Name and Warehouse\_Location:**

Product_Name	Warehouse_Location	Sum of Lead_Time_Days
Power Supply AV	Seattle	60
Control Panel D	Houston	45
Sensor Module I	Houston	40
Relay Module T	Houston	35
Clamp Assembly AS	Houston	30
Filter Cartridge C	Los Angeles	28
Gasket Set AF	Atlanta	25

**Warehouse\_Location Critical - Order Now URGENT - Order Today Total:**

Warehouse_Location	Critical - Order Now	URGENT - Order Today	Total
Atlanta	1	1	1
Chicago	4	4	4
Houston	7	7	7
Los Angeles	1	1	1
Seattle	1	1	1
Total	13	1	14

