



Q Search...

✦ Ask a question



There are several ways to ask a question in Metabase, but we'll click on the Simple Question option for now.



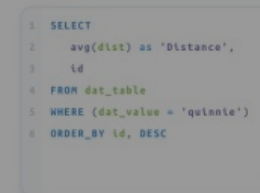
Simple question

Pick some data, view it, and easily filter, summarize, and visualize it.



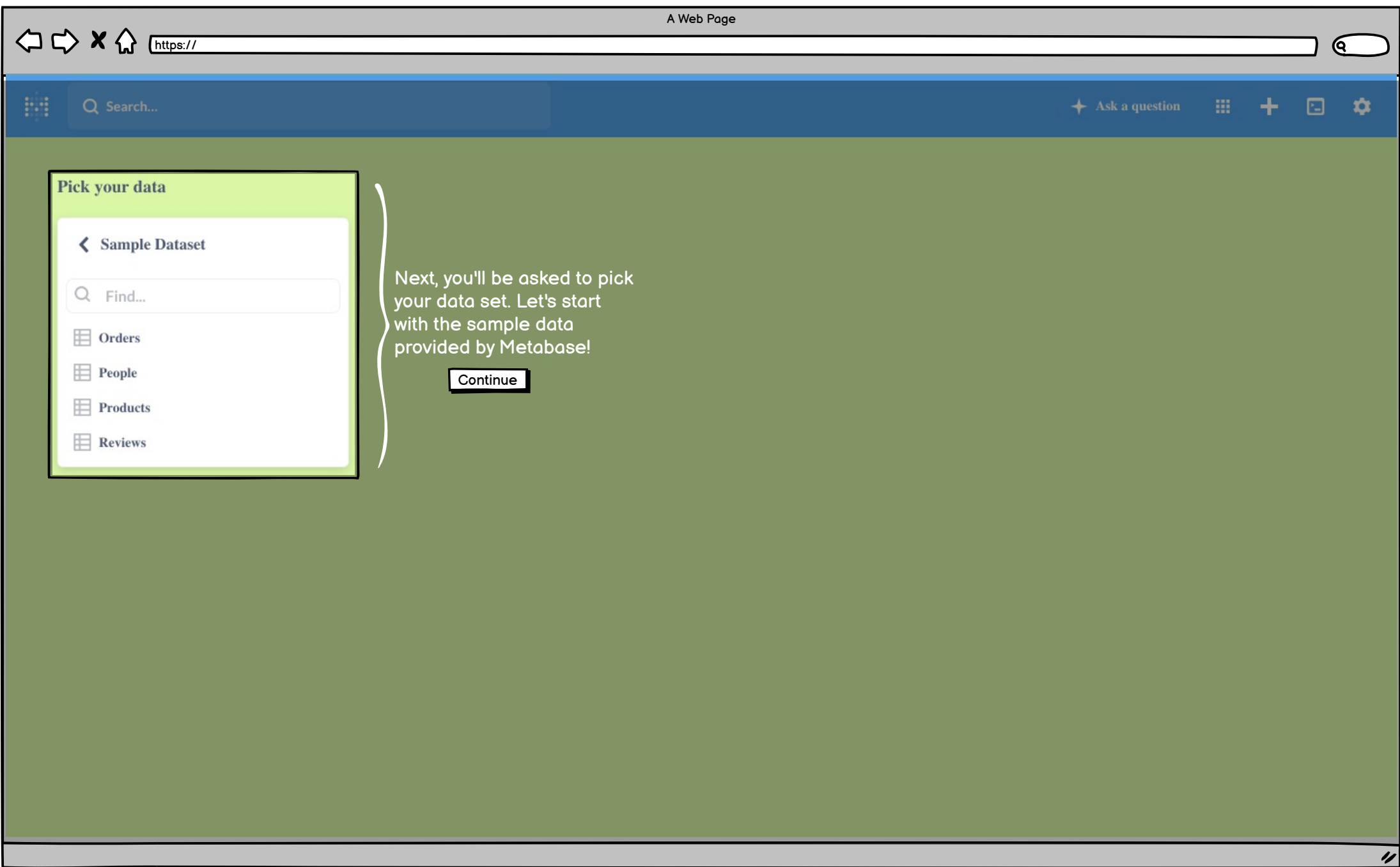
Custom question

Use the advanced notebook editor to join data, create custom columns, do math, and more.



Native query

For more complicated questions, you can write your own SQL or native query.



Search...

Ask a question



Pick your data

< Sample Dataset

Find...

Orders

People

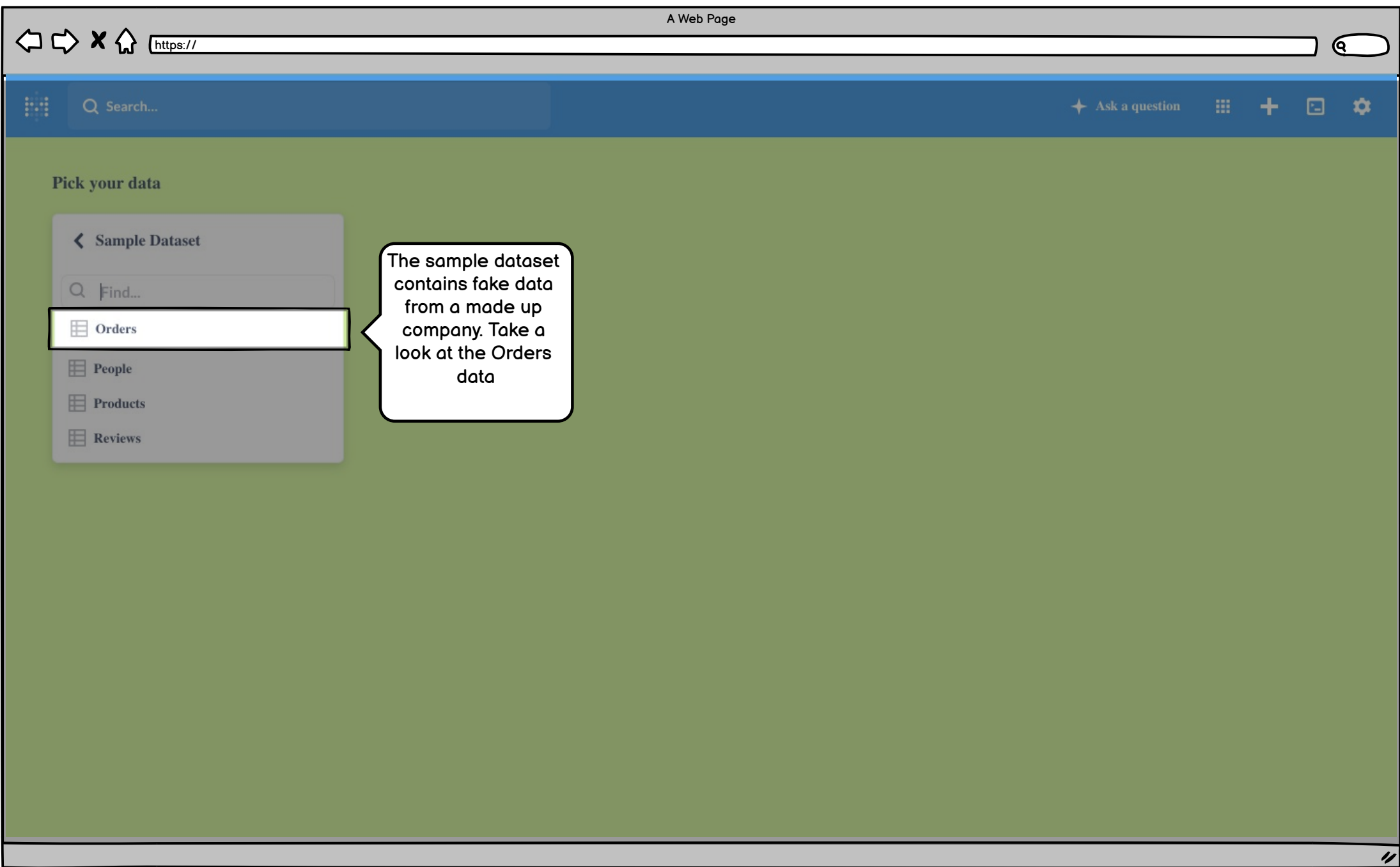
Products

Reviews

Next, you'll be asked to pick your data set. Let's start with the sample data provided by Metabase!

Continue







Search...

+ Ask a question



Sample Dataset • Orders

ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)	Created At	Quantity
1	1	14	37.65	2.07	39.72		February 11, 2019, 9:40 PM	2
2	1	123	110.93	6.1	117.03		May 15, 2018, 8:04 AM	3
3	1	105	52.72	2.9	49.21	6.42	December 6, 2019, 10:22 PM	2
4	1	94	109.22	6.01	115.23		August 22, 2019, 4:30 PM	6
5	1	132	127.88	7.03	134.91		October 10, 2018, 3:34 AM	5
6	1	60	29.8	1.64	31.44		November 6, 2019, 4:38 PM	3
7	1	55	95.77	5.27	101.04		September 11, 2018, 11:22 AM	5
8	1	65	68.23	3.75	63.32	8.65	June 17, 2019, 2:37 AM	7
9	1	184	77.4	4.26	78.06	3.59	May 3, 2017, 4:00 PM	3
10	1	6	97.44	5.36	102.8		January 17, 2020, 1:44 AM	2
11	1	76	63.82	3.51	67.33		July 22, 2018, 8:31 PM	6
12	3	7	148.23	10.19	158.42		June 26, 2018, 11:21 PM	7
13	3	70	57.49	3.95	59.33	2.12	April 6, 2019, 1:04 AM	2
14	3	139	51.19	3.52	54.71		May 25, 2017, 8:50 PM	4
15	3	116	114.42	7.87	122.29		June 26, 2018, 2:24 AM	5
16	3	68	76.83	5.28	82.11		December 14, 2017, 11:28 AM	1

Save

Filter

+ Summarize



Let's start with a simple question about these orders: how many orders have been placed with a subtotal (before tax) greater than \$40?

Continue



Visualization



Settings

Showing first 2,000 rows





Search...

✦ Ask a question



Sample Dataset • Orders

Save

Filter

+ Summarize



ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)	Created At	Quantity
1	1	14	37.65	2.07	39.72		February 11, 2019, 9:40 PM	2
2	1	123	110.93	6.1	117.03		May 15, 2018, 8:04 AM	3
3	1	105	52.72	2.9	49.21	6.42	December 6, 2019, 10:22 PM	2
4	1	94	109.22	6.01	115.23		August 22, 2019, 4:30 PM	6
5	1	132	127.88	7.03	134.91		October 10, 2018, 3:34 AM	5
6	1	60	29.8	1.64	31.44		November 6, 2019, 4:38 PM	3
7	1	55	95.77	5.27	101.04		September 11, 2018, 11:22 AM	5
8	1	65	68.23	3.75	63.32	8.65	June 17, 2019, 2:37 AM	7
9	1	184	77.4	4.26	78.06	3.59	May 3, 2017, 4:00 PM	3
10	1	6	97.44	5.36	102.8		January 17, 2020, 1:44 AM	2
11	1	76	63.82	3.51	67.33		July 22, 2018, 8:31 PM	6
12	3	7	148.23	10.19	158.42		June 26, 2018, 11:21 PM	7
13	3	70	57.49	3.95	59.33	2.12	April 6, 2019, 1:04 AM	2
14	3	139	51.19	3.52	54.71		May 25, 2017, 8:50 PM	4
15	3	116	114.42	7.87	122.29		June 26, 2018, 2:24 AM	5
16	3	68	76.83	5.28	82.11		December 14, 2017, 11:28 AM	1



Visualization



Settings

Showing first 2,000 rows



To find out, we want to filter the data by the field we're interested in



Search...

Ask a question



Sample Dataset • Orders

Save

Filter

Summarize



ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)	Created At	Quantity
1	1	14	37.65	2.07	39.72		December 6, 2019, 10:22 PM	2
2	1	123	110.93	6.1	117.03		August 22, 2019, 4:30 PM	6
3	1	105	52.72	2.9	49.21	6.42	October 10, 2018, 3:34 AM	5
4	1	94	109.22	6.01	115.23		November 6, 2019, 4:38 PM	5
5	1	132	127.88	7.03	134.91		September 11, 2018, 11:22 AM	5
6	1	60	29.8	1.64	31.44		June 17, 2019, 2:37 AM	7
7	1	55	95.77	5.27	101.04		May 3, 2017, 4:00 PM	3
8	1	65	68.23	3.75	63.32	8.65	January 17, 2020, 1:44 AM	2
9	1	184	77.4	4.26	78.06	3.59	July 22, 2018, 8:31 PM	6
10	1	6	97.44	5.36	102.8		June 26, 2018, 11:21 PM	7
11	1	76	63.82	3.51	67.33		April 6, 2019, 1:04 AM	2
12	3	7	148.23	10.19	158.42		May 25, 2017, 8:50 PM	4
13	3	70	57.49	3.95	59.33	2.12	June 26, 2018, 2:24 AM	5
14	3	139	51.19	3.52	54.71		December 14, 2017, 11:28 AM	1
15	3	116	114.42	7.87	122.29			
16	3	68	76.83	5.28	82.11			

The question we want to answer is:
how many orders have been
placed with a subtotal (before tax)
greater than \$40?

Filter the data by
subtotal

Filter by

Find...

ORDER

- ☐ ID
- ☒ User ID
- ☒ Product ID

Subtotal

Tax

Total

Discount

☒ Created At

Quantity

USER

- ☐ ID
- Aa Address
- Aa Email

Cancel



Visualization



Settings

Showing first 2,000 rows





Search...

Ask a question



Sample Dataset • Orders

Save

Filter

Summarize



ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)		
1	1	14	37.65	2.07	39.72			
2	1	123	110.93	6.1	117.03			
3	1	105	52.72	2.9	49.21	6.42	December 6, 2019, 10:22 PM	2
4	1	94	109.22	6.01	115.23		August 22, 2019, 4:30 PM	6
5	1	132	127.88	7.03	134.91		October 10, 2018, 3:34 AM	
6	1	60	29.8	1.64	31.44		November 6, 2019, 4:38 PM	
7	1	55	95.77	5.27	101.04		September 11, 2018, 11:22 AM	5
8	1	65	68.23	3.75	63.32	8.65	June 17, 2019, 2:37 AM	7
9	1	184	77.4	4.26	78.06	3.59	May 3, 2017, 4:00 PM	3
10	1	6	97.44	5.36	102.8		January 17, 2020, 1:44 AM	2
11	1	76	63.82	3.51	67.33		July 22, 2018, 8:31 PM	6
12	3	7	148.23	10.19	158.42		June 26, 2018, 11:21 PM	7
13	3	70	57.49	3.95	59.33	2.12	April 6, 2019, 1:04 AM	2
14	3	139	51.19	3.52	54.71		May 25, 2017, 8:50 PM	4
15	3	116	114.42	7.87	122.29		June 26, 2018, 2:24 AM	5
16	3	68	76.83	5.28	82.11		December 14, 2017, 11:28 AM	1

The question we want to answer is:
how many orders have been
placed with a subtotal (before tax)
greater than \$40?

Choose "greater
than"

< Orders – Subtotal

Greater than

Equal to

Not equal to

✓ Greater than

Less than

Between

Greater than or equal to

Less than or equal to

Is empty

Not empty

Cancel

Visualization

Settings



Showing first 2,000 rows



https://

Search...

Ask a question

+

Sample Dataset • Orders

SaveFilterSummarize

ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)		
1	1	14	37.65	2.07	39.72			
2	1	123	110.93	6.1	117.03			
3	1	105	52.72	2.9	49.21	6.42	December 6, 2019, 10:22 PM	2
4	1	94	109.22	6.01	115.23		August 22, 2019, 4:30 PM	6
5	1	132	127.88	7.03	134.91		October 10, 2018, 3:34 AM	5
6	1	60	29.8	1.64	31.44		November 6, 2019, 4:38 PM	3
7	1	55	95.77	5.27	101.04		September 11, 2018, 11:22 AM	5
8	1	65	68.23	3.75	63.32	8.65	June 17, 2019, 2:37 AM	7
9	1	184	77.4	4.26	78.06	3.59	May 3, 2017, 4:00 PM	3
10	1	6	97.44	5.36	102.8		January 17, 2020, 1:44 AM	2
11	1	76	63.82	3.51	67.33		July 22, 2018, 8:31 PM	6
12	3	7	148.23	10.19	158.42		June 26, 2018, 11:21 PM	7
13	3	70	57.49	3.95	59.33	2.12	April 6, 2019, 1:04 AM	2
14	3	139	51.19	3.52	54.71		May 25, 2017, 8:50 PM	4
15	3	116	114.42	7.87	122.29		June 26, 2018, 2:24 AM	5
16	3	68	76.83	5.28	82.11		December 14, 2017, 11:28 AM	1

VisualizationSettings

Showing first 2,000 rows

Orders – Subtotal

Greater than

Enter a number

Add filter

The question we want to answer is:
how many orders have been
placed with a subtotal (before tax)
greater than \$40?

Enter the number 30
and press apply filter

A Web Page

https://

Search...

Ask a question

+

Sample Dataset • Orders

Subtotal is greater than 30 ✕

ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)	Created At	Quantity
1	1	14	37.65	2.07	39.72		February 11, 2019, 9:40 PM	2
2	1	123	110.93	6.1	117.03		May 15, 2018, 8:04 AM	3
3	1	105	52.72	2.9	49.21	6.42	December 6, 2019, 10:22 PM	2
4	1	94	109.22	6.01	115.23		August 22, 2019, 4:30 PM	6
5	1	132	127.88	7.03	134.91		October 10, 2018, 3:34 AM	5
7	1	55	95.77	5.27	101.04		September 11, 2018, 11:22 AM	5
8	1	65	68.23	3.75	63.32	8.65	June 17, 2019, 2:37 AM	7
9	1	184	77.4	4.26	78.06	3.59	May 3, 2017, 4:00 PM	3
10	1	6	97.44	5.36	102.8		January 17, 2020, 1:44 AM	2
11	1	76	63.82	3.51	67.33		July 22, 2018, 8:31 PM	6
12	3	7	148.23	10.19	158.42		June 26, 2018, 11:21 PM	7
13	3	70	57.49	3.95	59.33	2.12	April 6, 2019, 1:04 AM	2
14	3	139	51.19	3.52	54.71		May 25, 2017, 8:50 PM	4
15	3	116	114.42	7.87	122.29		June 26, 2018, 2:24 AM	5
16	3	68	76.83	5.28	82.11		December 14, 2017, 11:28 AM	1

Visualization

Settings

Save

Filter

Summarize

Metabase will filter out the data that is greater than \$30!

Continue

Showing first 2,000 rows



Search...

Ask a question



Sample Dataset - Orders

Save

Filter

+ Summarize



Subtotal is greater than 30 ✕

ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)	Created At	Quantity
1	1	14	37.65	2.07	39.72		February 11, 2019, 9:40 PM	2
2	1	123	110.93	6.1	117.03		May 15, 2018, 8:04 AM	3
3	1	105	52.72	2.9	49.21	6.42	December 6, 2019, 10:22 PM	2
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7	1	55	95.77	5.27	101.04		September 11, 2018, 11:22 AM	5
8	1	65	68.23	3.75	63.32	8.65	June 17, 2019, 2:37 AM	7
9	1	184	77.4	4.26	78.06	3.59	May 3, 2017, 4:00 PM	3
10	1	6	97.44	5.36	102.8		January 17, 2020, 1:44 AM	2
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13	3	70	57.49	3.95	59.33	2.12	April 6, 2019, 1:04 AM	2
14	3	139	51.19	3.52	54.71		May 25, 2017, 8:50 PM	4
15	3	116	114.42	7.87	122.29		June 26, 2018, 2:24 AM	5
16	3	68	76.83	5.28	82.11		December 14, 2017, 11:28 AM	1



Visualization



Settings



Showing first 2,000 rows



To find out how many orders are greater than \$30, we have to summarize the data

https://

A Web Page

Search...

Ask a question

+

Sample Dataset • Orders

Subtotal is greater than 30

Save

Filter

Summarize

ID	User ID	Product ID	Subtotal	Tax	Total	Discount (\$)	Created At	Quantity
1	1	14	37.65	2.07	39.72		February 11, 2019, 9:40 PM	
2	1	123	110.93	6.1	117.03		May 15, 2018, 8:04 AM	
3	1	105	52.72	2.9	49.21	6.42	December 6, 2019, 10:22 PM	2
4	1	94	109.22	6.01	115.23		August 22, 2019, 4:30 PM	6
5	1	132	127.88	7.03	134.91		October 10, 2018, 3:34 AM	5
7	1	55	95.77	5.27	101.04		September 11, 2018, 11:22 AM	5
8	1	65	68.23	3.75	63.32	8.65	June 17, 2019, 2:37 AM	7
9	1	184	77.4	4.26	78.06	3.59	May 3, 2017, 4:00 PM	3
10	1	6	97.44	5.36	102.8		January 17, 2020, 1:44 AM	2
11	1	76	63.82	3.51	67.33		July 22, 2018, 8:31 PM	6
12	3	7	148.23	10.19	158.42		June 26, 2018, 11:21 PM	7
13	3	70	57.49	3.95	59.33	2.12	April 6, 2019, 1:04 AM	2
14	3	139	51.19	3.52	54.71		May 25, 2017, 8:50 PM	4
15	3	116	114.42	7.87	122.29		June 26, 2018, 2:24 AM	5
16	3	68	76.83	5.28	82.11		December 14, 2017, 11:28 AM	1

Visualization

Settings

Showing first 2,000 rows

Summarize by

Count

Add a metric

Group by

Find...

ORDER

ID

User ID

Product ID

Subtotal

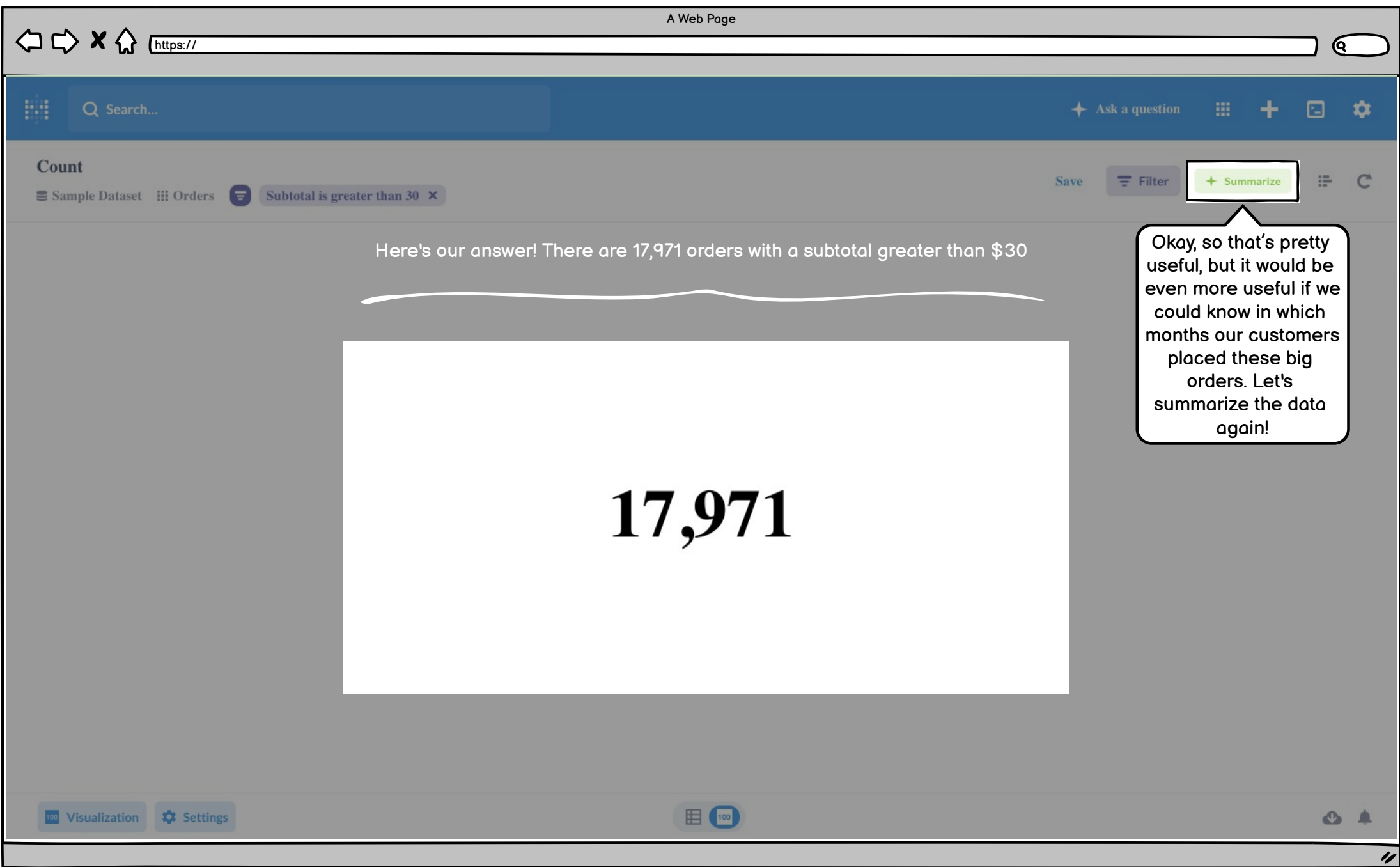
Tax

Total

Discount

Created At

Done





https://

Q



Search...

Ask a question



Metabase immediately shows us a line chart visualization of the orders over time.

[Continue](#)

Count by Created At: Month

Sample Dataset

Orders

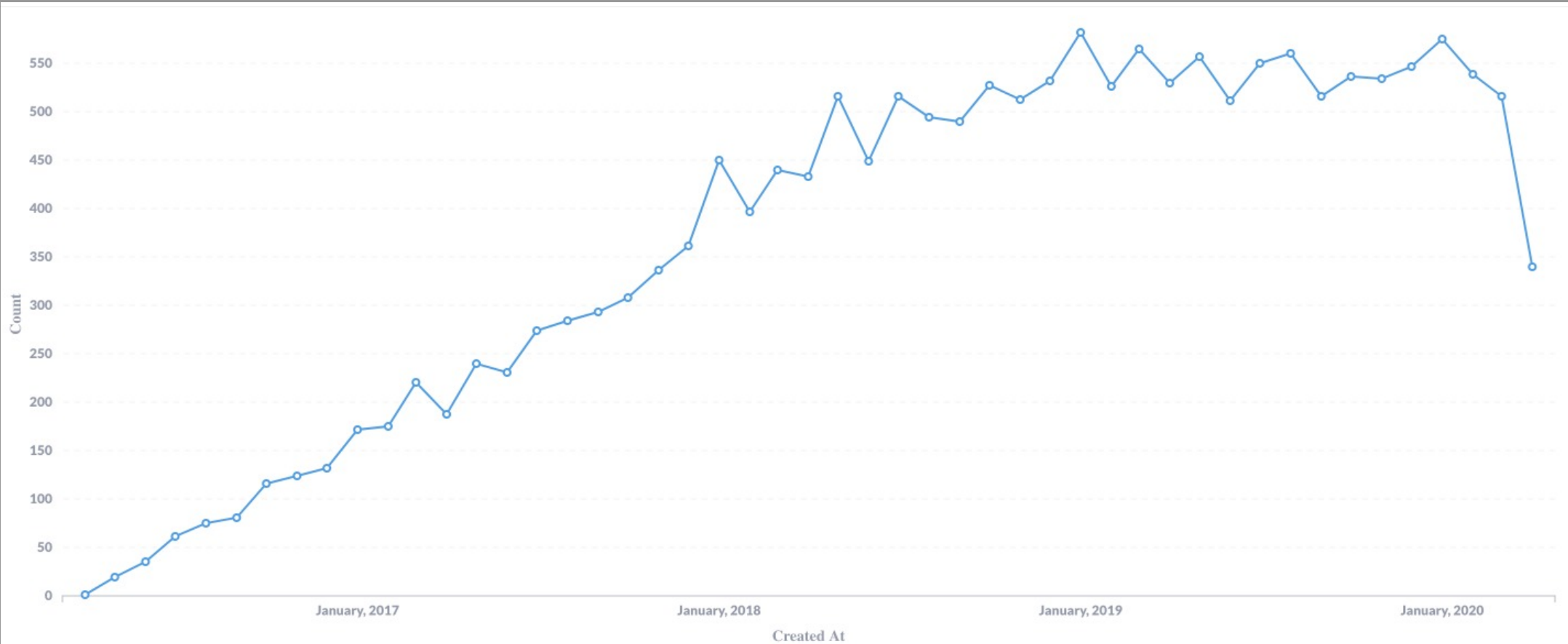


Subtotal is greater than 30 ✕

Save

Filter

Summarize



Visualization

Settings



https://

Q



Search...

+ Ask a question



Count by Created At: Month

Sample Dataset

Orders

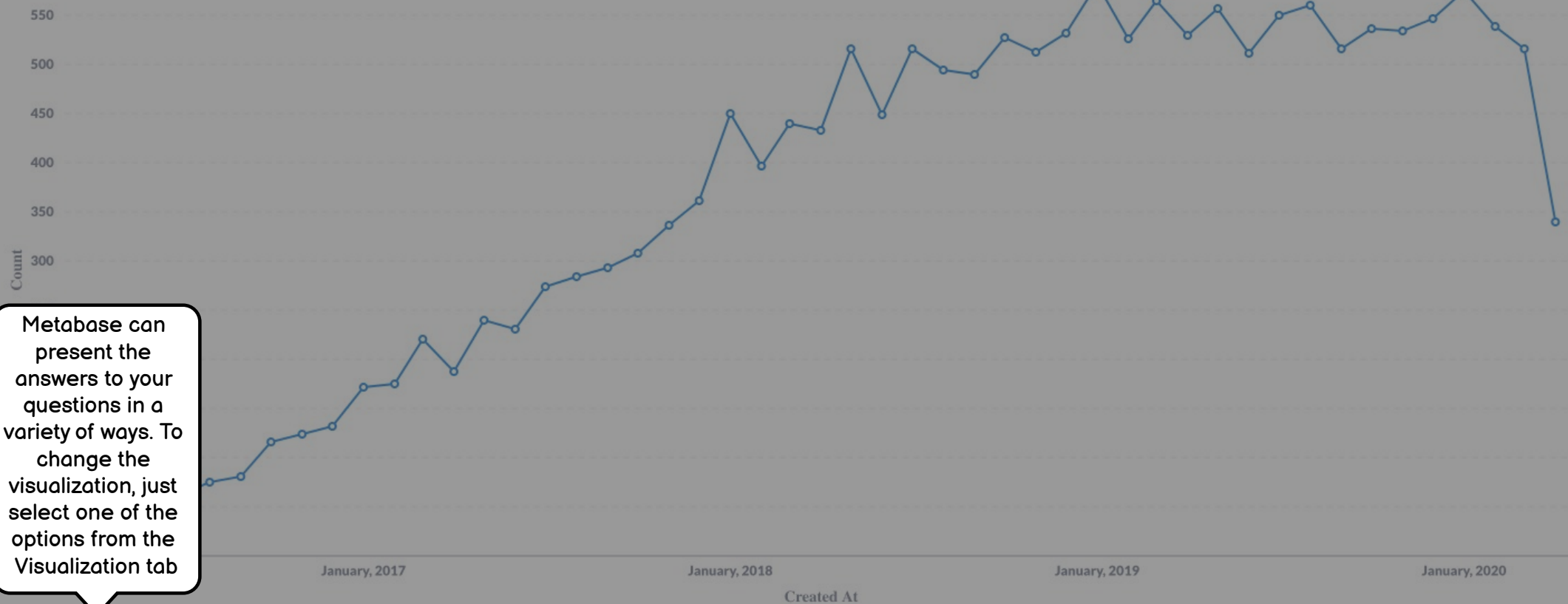


Subtotal is greater than 30 X

Save

Filter

+ Summarize



Metabase can present the answers to your questions in a variety of ways. To change the visualization, just select one of the options from the Visualization tab

Visualization

Settings



https://

Q



Search...

Ask a question



Count by Created At: Month

Sample Dataset

Orders



Subtotal is greater than 30

Save

Filter

Summarize



Choose a visualization



Line



Bar



Combo



Area



Row



Waterfall



Scatter



Pie



Funnel



Trend



Progress



Gauge



Number



Table

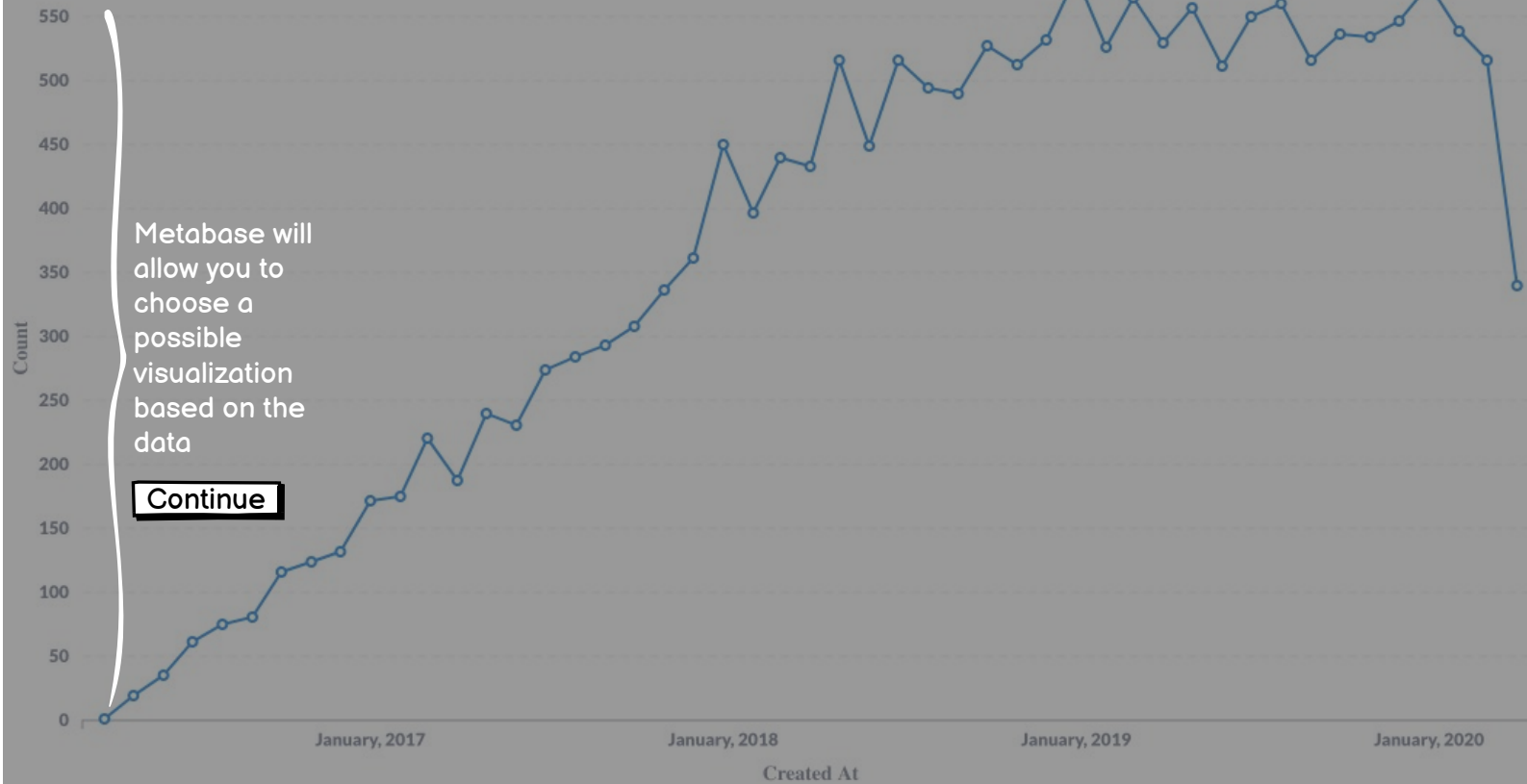


Pivot Table



Map

Done



Visualization

Settings



https://



Search...

Ask a question



Count by Created At: Month

Sample Dataset

Orders



Subtotal is greater than 30

Save

Filter

Summarize



Choose a visualization



Line



Bar



Combo



Area



Row



Waterfall



Scatter



Pie



Funnel



Trend



Progress



Gauge



Number



Table



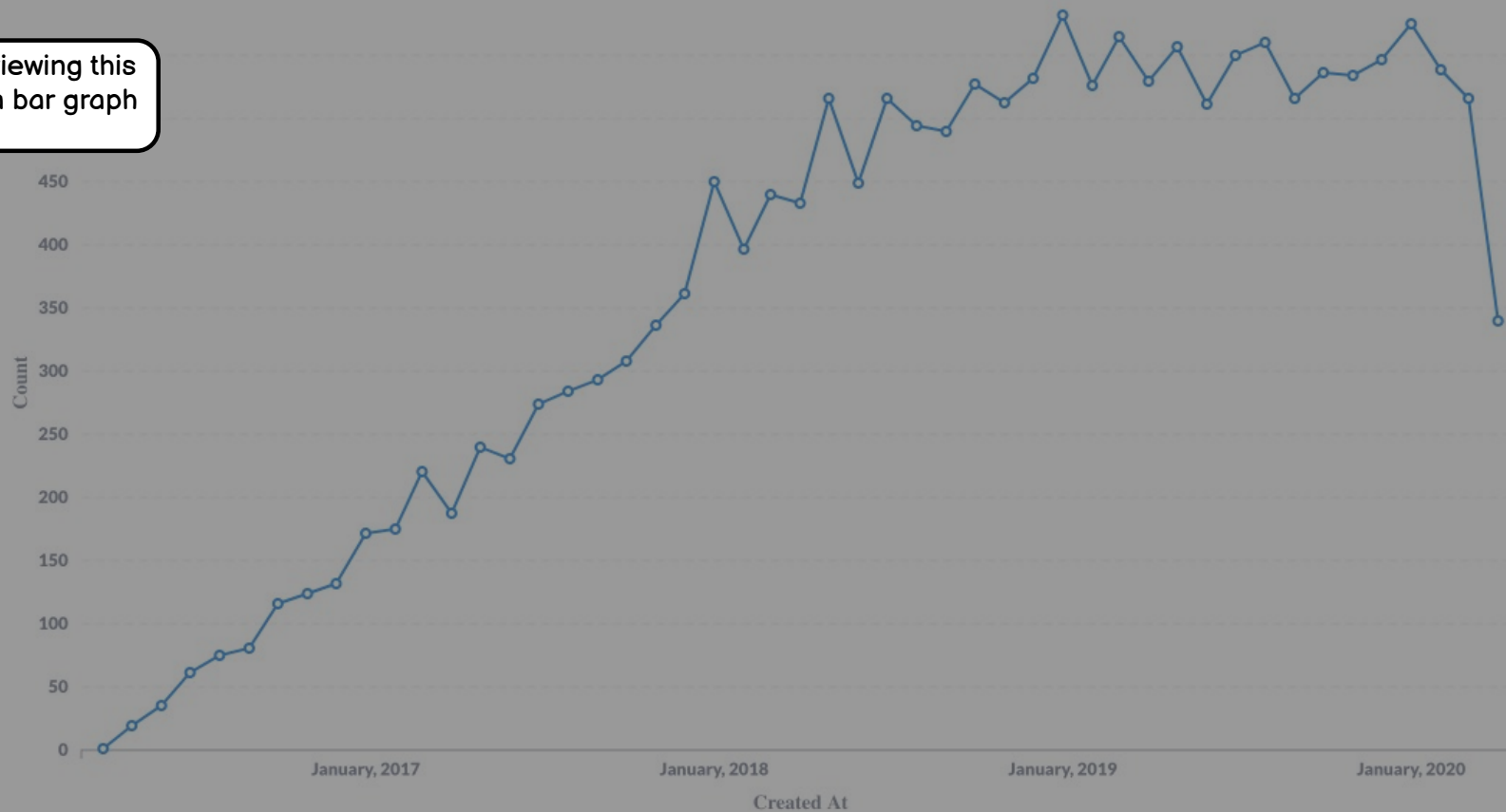
Pivot Table



Map

Done

Let's try viewing this data as a bar graph



Visualization

Settings





A Web Page

https://

Search...

Ask a question

+

Count by Created At: Month

Sample Dataset

Orders

Subtotal is greater than 30

Save

Filter

Summarize

Bar options

Data

Display

Axes

Labels

X-axis

Created At

Y-axis

Count

Done

Count

That's it!
Ready to start using Metabase?

YesRestart tutorial

Created At

Visualization

Settings

Month	Count
January, 2017	10
February, 2017	20
March, 2017	35
April, 2017	60
May, 2017	75
June, 2017	80
July, 2017	115
August, 2017	125
September, 2017	130
October, 2017	170
November, 2017	175
December, 2017	220
January, 2018	185
February, 2018	240
March, 2018	230
April, 2018	275
May, 2018	285
June, 2018	295
July, 2018	300
August, 2018	300
September, 2018	300
October, 2018	300
November, 2018	300
December, 2018	300
January, 2019	440
February, 2019	430
March, 2019	515
April, 2019	450
May, 2019	515
June, 2019	495
July, 2019	490
August, 2019	530
September, 2019	515
October, 2019	535
November, 2019	535
December, 2019	515
January, 2020	535
February, 2020	535
March, 2020	540
April, 2020	570
May, 2020	540
June, 2020	515
July, 2020	340

localhost:3000