

THE ULTIMATE CLOUD-BASED BI TOOL

# LOOKER DEMO-2



Looker  
PART OF Google Cloud

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# WHAT'S COMING?

EXPLORING DATA IN LOOKER

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FILTERING AND LIMITING DATA

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CREATING VISUALIZATION

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SAVING LOOKS

---

CREATING DASHBOARDS

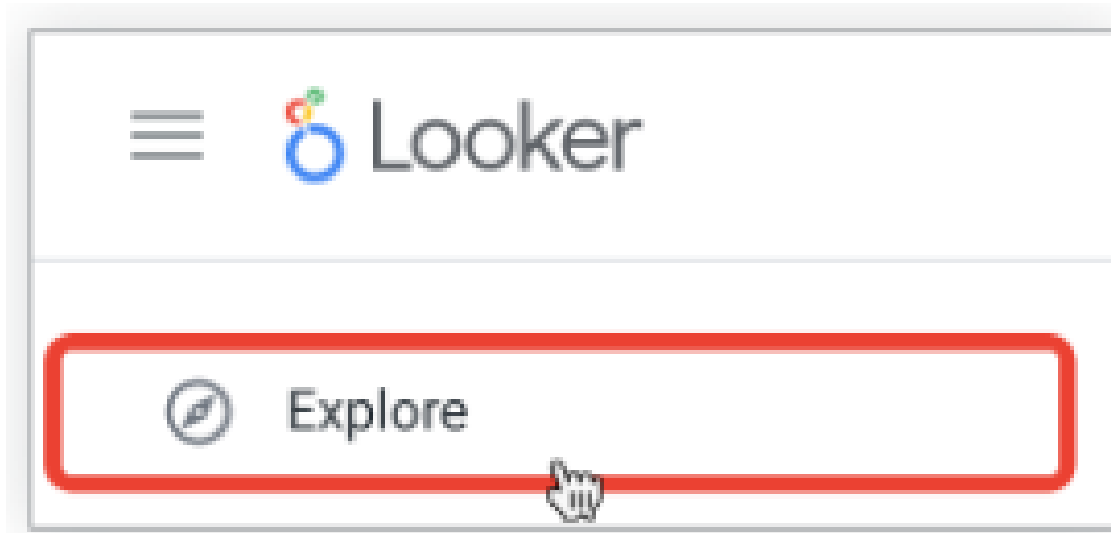
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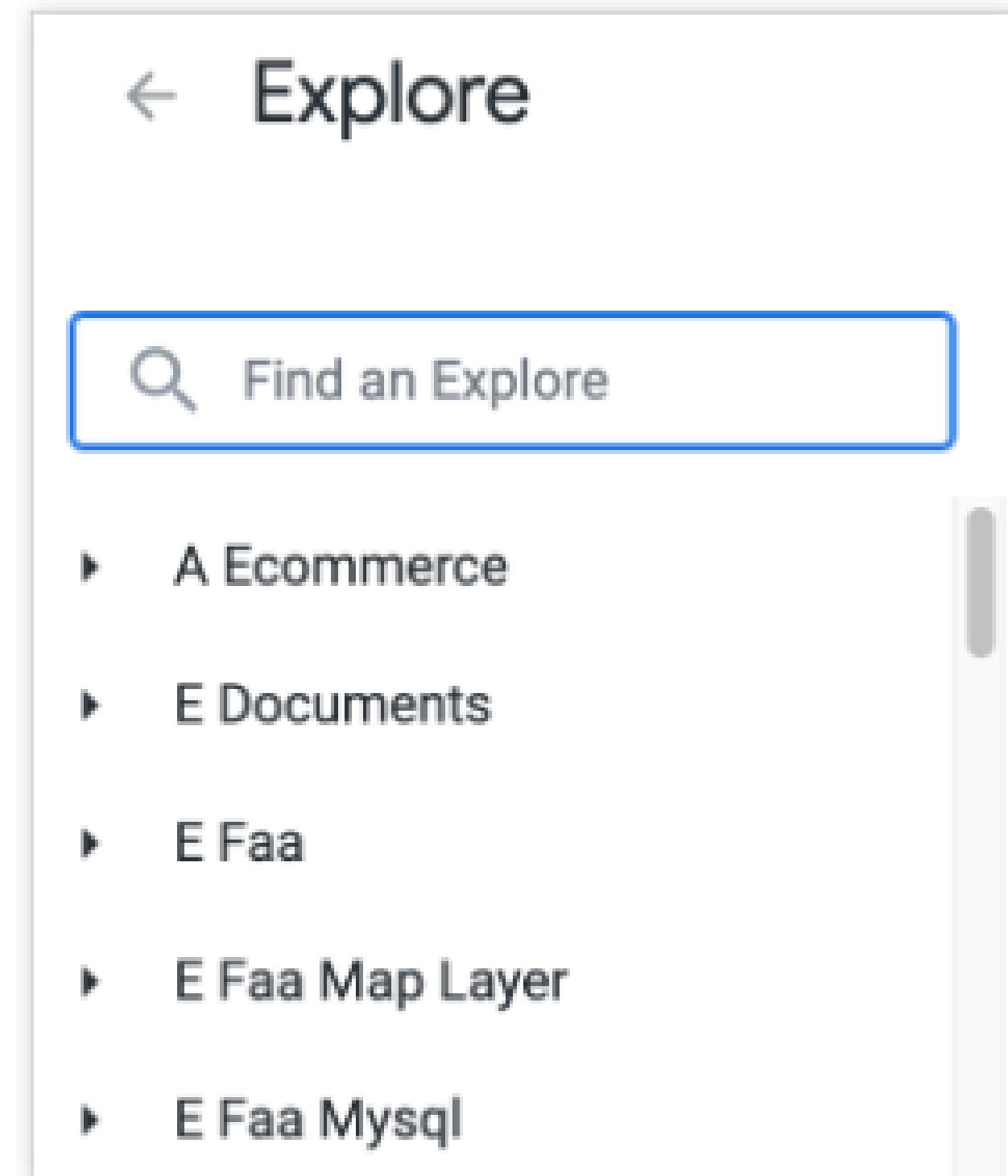
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Select The Explore Option in  
The Looker Menu



And Then Select the Explore  
You Want To Work On




# EXPLORE INTERFACE

## Explore

500 rows · 1s · just now · America - Los Angeles


Time Zone ▼

Run



### Order Items

Find a Field

 Start typing to search

All Fields

In Use

Custom Fields

+ Add

Inventory Items

Order Items

Orders

2

DIMENSIONS

Created Date

ID

Status

User ID

MEASURES

Count

63 fields

[Go to LookML](#)

Filters

Visualization

Data

Results

SQL



Add calculation

Row Limit 500

Totals

⚠ Row limit reached. Results may be incomplete

×

	Orders Created Date  ↓	Orders Count 
1	2019-12-21	39
2	2019-12-20	51
3	2019-12-19	38
4	2019-12-18	49
5	2019-12-17	45
6	2019-12-16	38
7	2019-12-15	32
8	2019-12-14	29
9	2019-12-13	5
10	2019-12-12	6
11	2019-12-11	10
12	2019-12-10	6
13	2019-12-09	8
14	2019-12-08	48
15	2019-12-07	47
16	2019-12-06	45

# EXPLORE INTERFACE

Order Items ⚡

Find a Field

Start typing to search

All Fields

In Use

Custom Fields + Add 1

Inventory Items

Order Items 1

FILTER-ONLY FIELDS

Item to Add Up

DIMENSIONS

Cost

ID

Inventory Item ID

Order ID

Profit

Returned Date

Sale Price

MEASURES

Count

Sum of Profit

72 fields

Go to LookML

Order Items

Find a Field

Start typing to search

All Fields

In Use

Custom Fields

Sum of Profit

Order Items

Cost

Count

Orders

Date • Created Date

Clear all Clear fields, keep filters

4 fields

Go to LookML

# LET'S RUN OUR FIRST QUERY

## Explore

1732 rows · 1s · just now · America - Los Angeles Time Zone 2 Run ⚙️

### Order Items

Find a Field

[All Fields](#) [In Use](#)

Custom Fields [+ Add](#)

Inventory Items

Order Items

Orders 3

FILTER-ONLY FIELDS

Date Granularity

DIMENSIONS

Created Date

Date

1 ID

Status

User ID

MEASURES

Count

71 fields [Go to LookML](#)

Filters

Visualization

Data

Results

SQL

Add calculation

Row Limit

☐ Totals ☐ Subtotals

	Orders Created Date ↓	Orders Status	Orders Count
1	2019-12-21	cancelled	1
2	2019-12-21	pending	38
3	2019-12-20	pending	51
4	2019-12-19	pending	38
5	2019-12-18	cancelled	1
6	2019-12-18	pending	48
7	2019-12-17	complete	2
8	2019-12-17	pending	43
9	2019-12-16	complete	1
10	2019-12-16	pending	37
11	2019-12-15	cancelled	1
12	2019-12-15	complete	6
13	2019-12-15	pending	25
14	2019-12-14	cancelled	1
15	2019-12-14	complete	4
16	2019-12-14	pending	24
17	2019-12-13	cancelled	1
18	2019-12-13	complete	4
19	2019-12-12	cancelled	1
20	2019-12-12	complete	5
21	2019-12-11	cancelled	1

# SETTING THE ORDER

▼ Data				Results	SQL	Row Limit 500	Totals	Subtotals
				Descending, Sort Order: 1				
	Orders Created Date	Users State	Order Items Count					
1	2019-07-23	California	25					
2	2019-10-17	California	25					
3	2018-12-03	California	25					
4	2018-10-24	California	24					
5	2019-02-20	California	24					
6	2019-08-30	California	23					
7	2019-08-27	Texas	23					
8	2018-09-01	California	23					
9	2019-08-05	California	23					
10	2018-07-25	California	23					

▼ Data				Results	SQL	Row Limit 500	Totals	Subtotals
				Descending, Sort Order: 2				
	Orders Created Date	Users State	Order Items Count					
1	2019-10-17	California	25					
2	2019-07-23	California	25					
3	2018-12-03	California	25					
4	2019-02-20	California	24					
5	2018-10-24	California	24					
6	2019-08-30	California	23					
7	2019-08-27	Texas	23					
8	2019-08-05	California	23					
9	2019-07-18	California	23					
10	2018-09-01	California	23					

# PIVOTING A COLUMN

The screenshot shows the 'Explore' interface with the following components:

- Header:** 'Explore' title, '1 row · 1s · just now · America · Los Angeles', and a 'Run' button (highlighted with a red box and circle 2).
- Left Panel:** 'Order Items' section with a search bar. Below it, a list of fields under 'In Use' includes 'Status' (highlighted with a red box and circle 1).
- Right Panel:** 'Filters' and 'Visualization' sections. Below them, a table of results is shown.

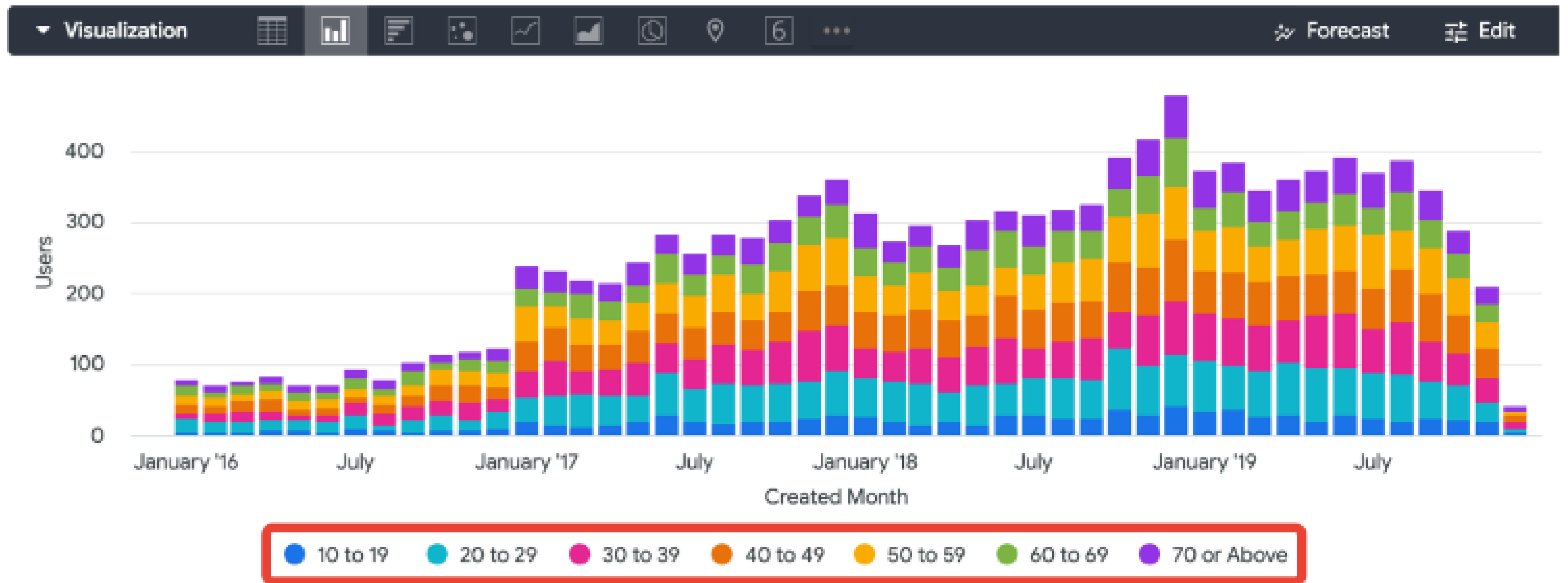
The table of results is as follows:

Orders Status >	cancelled	complete	pending	
Orders Count	373	31,228	304	0

A context menu is open over the 'cancelled' column header, with the 'Unpivot' option highlighted (circled with a red box and circle 3). The menu options are: Remove, Filter, Unpivot, Group, Can't fill in missing values, Copy values, and Go to LookML.



# VISUALIZING THE DATA



# FILTERING ON COLUMNS

Order Items

Find a Field

Start typing to search

All FieldsIn Use

Custom FieldsAdd

Inventory Items

Order Items

DIMENSIONS

ID

Inventory Item ID

Order ID

Returned Date

Sale Price

MEASURES

Count

Filter by field 2

Orders

Products

Filters (1)Custom Filter

Orders Count

is equal to1000 x

Visualization

DataResultsSQLAdd calculationRow Limit 500Totals

Orders Created Year ↑Orders Count

1		0
2	2016	1,499
3	2017	6,230
4	20Drill into 2017	10,732
5	20by Created Quarter	13,444

by Created Month

by Created Week

by Created Date

by Created Time


Explore

Filter on "2017"

# FILTERING ON COLUMNS

▼ Filters (1)

☐ Custom Filter

 Orders Count

OR

AND

is greater than

is less than

is not equal to

‡

‡

‡

5000

2500

1500 ✕

×

×

×

+

# CUSTOM FILTERS

▼ Filters (1)

☒ Custom Filter

Orders Count

OR

is greater than

5000

×

AND

is less than

2500

×

AND

is not equal to

1500 ✕

×

+

Custom Filter

extract\_years(\${orders.created\_year}) > 2016

No Quick Help

► Visualization

▼ Data

Results

SQL

Row Limit 500

☐ Totals

	Orders Created Year ↑	Orders Count
1	2017	6,248
2	2018	10,752
3	2019	13,657

# LIMITING ROWS AND COLUMNS

DATA

RESULTS

SQL

Calculations

Row Limit 5

Column Limit 5

Totals

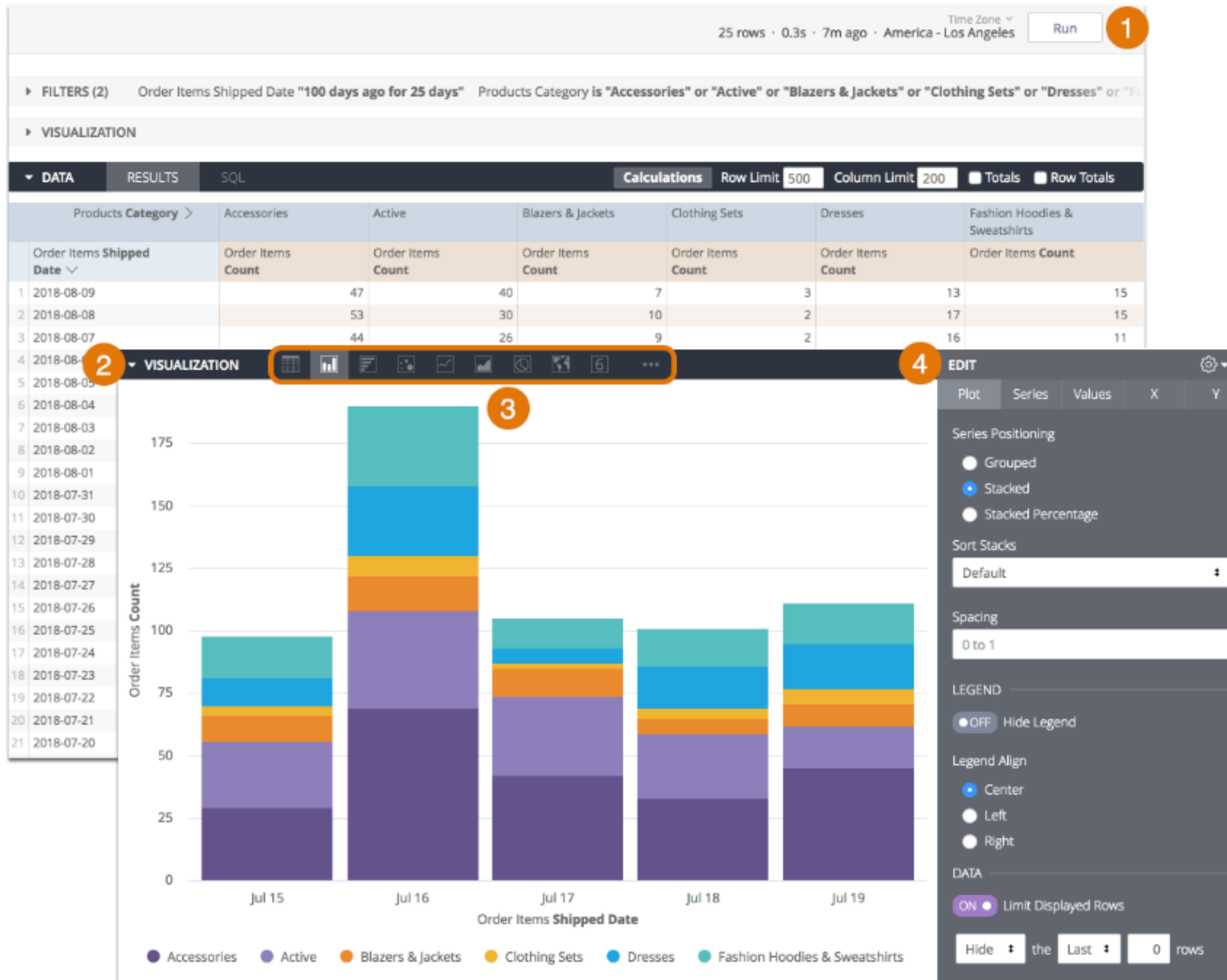
Row Totals

⚠ Row limit reached. Results may be incomplete.

⚠ Column limit reached. Results may be incomplete.

Orders Created Month >		2015-09	2015-10	2015-11	2015-12	2016-01
	Users Created Month	Orders Count	Orders Count	Orders Count	Orders Count	Orders Count
1	2015-08	128	89	86	87	54
2	2015-07	78	96	86	82	58
3	2015-09	73	131	79	76	68
4	2015-06	67	78	50	58	56
5	2015-04	53	51	42	42	38

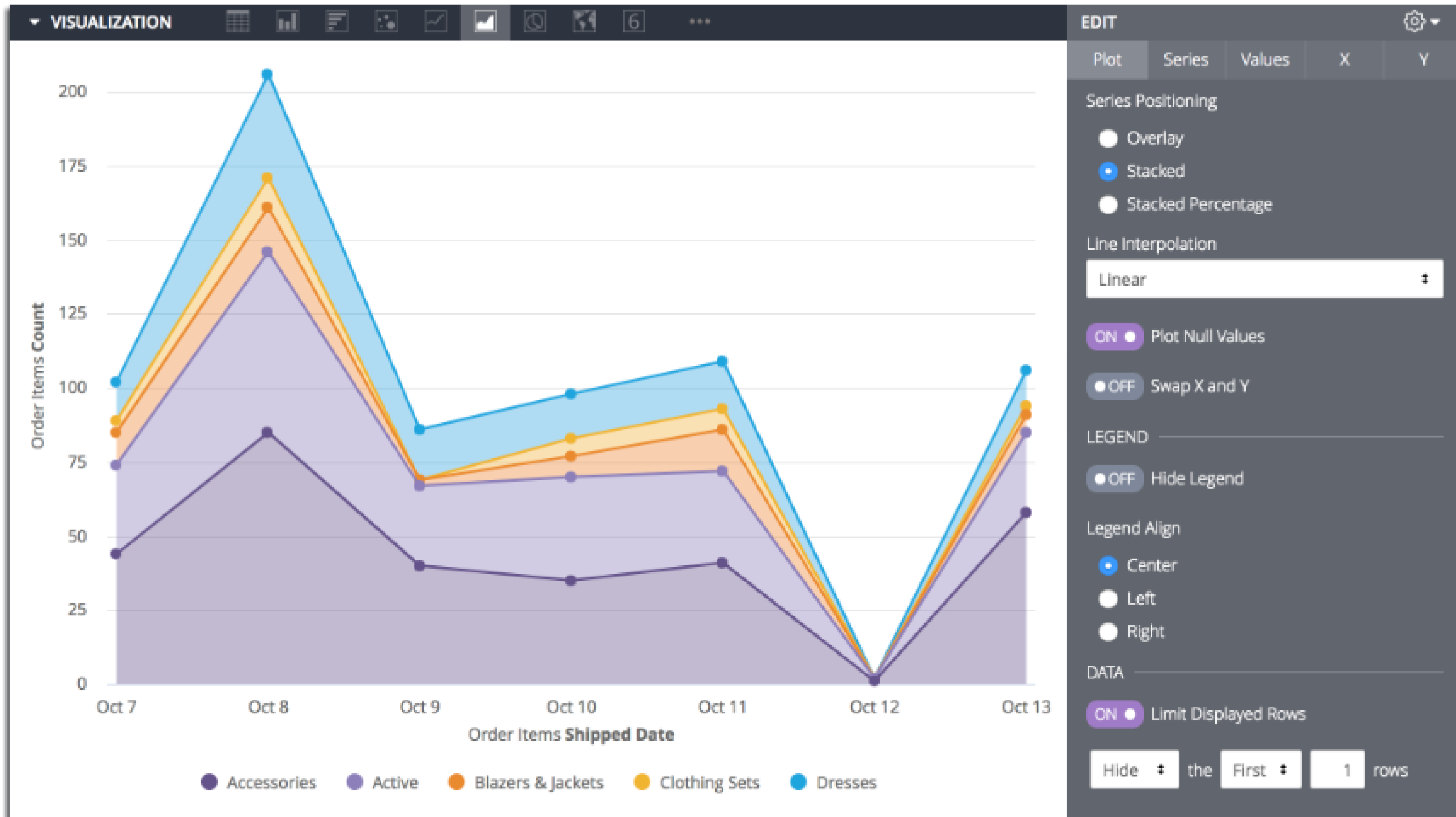
# VISUALIZATION INTERFACE



# VISUALIZATION INTERFACE



# CUSTOMIZING VISUALIZATION AND GRAPHS

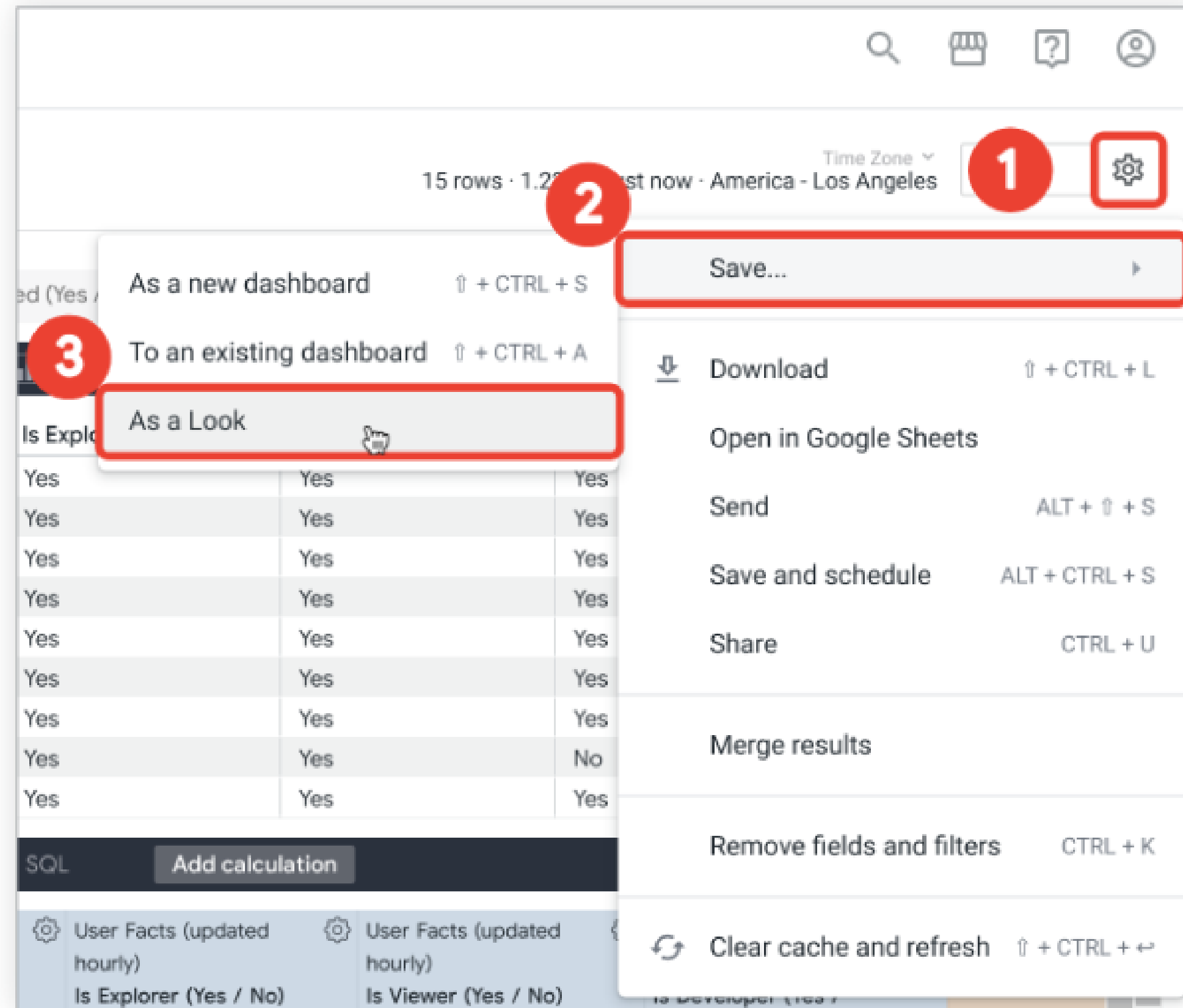




# HIDING FROM VISUALIZATIONS

Accidents Country		Accidents Serious Accidents Count	Accidents Fatal Accidents Count	Accidents Total Fatalities
1	India	1	18	
2	Brazil	8	87	
3	Canada	27	147	
4	France	14	100	
5	Colombia	8	75	
6	Indonesia	2	41	
7	Peru	8	42	
8	Mexico	34	134	399
9	United Kingdom	7	123	378
10	Russia	1	21	344
11	Venezuela	5	68	327
12	Nigeria	0	10	326
13	Taiwan	2	16	315
14	Italy	3	61	313
15	Philippines	6	16	254

# SAVING LOOKS FROM AN EXPLORE



# SAVING LOOKS FROM AN EXPLORE

Save Look

4

Title

Instance user audit

5

Description  
optional

An analysis of the users that are active on the Looker instance

6

Folder

Shared

7

Shared

8

Filter by title...

Jon Allen

Users

Account Management

Admin

Alliances

Business Operations

Company A's Content

Customer Success

Customers

Engineering

Finance

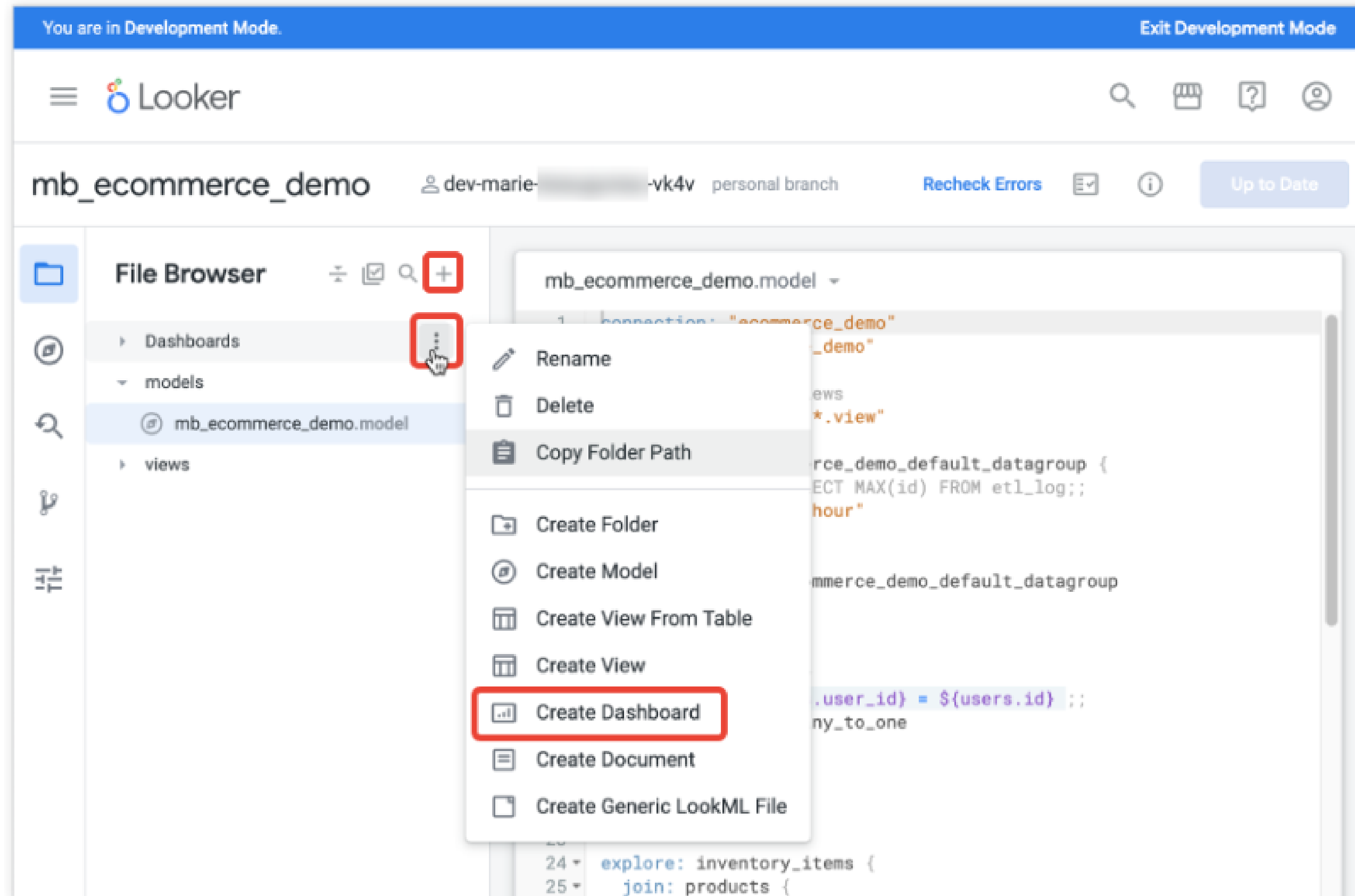
Human Resources

9

Save & View Look

Save

# CREATING DASHBOARDS IN LOOKML



# SAVING A LOOK TO THE DASHBOARD

## Schedule

2 rows · 0.9s · just now · America - Los Angeles Viewer Time Zone ▾ Run ⚙

**Schedule** ⓘ ⊞

**All Fields** Dimensions Measures

▸ Currency Codes

▼ Schedule

**DIMENSIONS**

Attendance Confirmed? (Yes / No) ⓘ

▼ Business

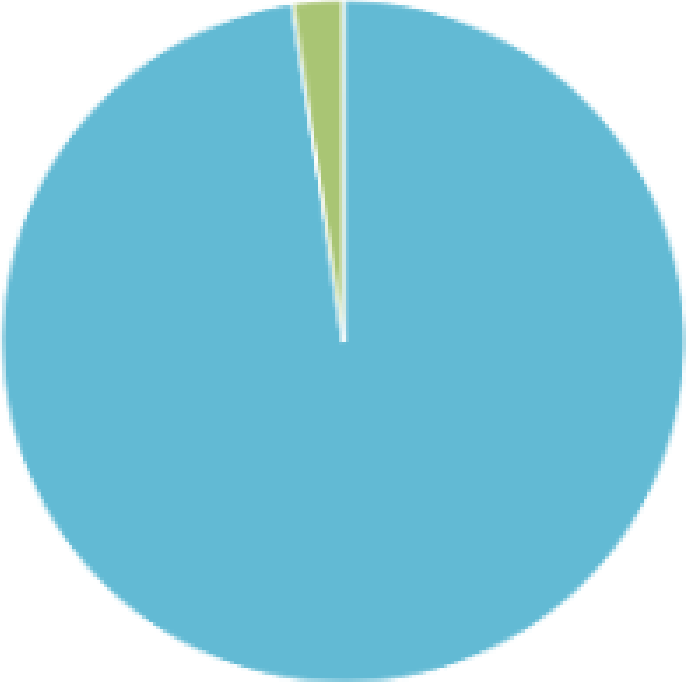
Business ID ⓘ

Business Name ⓘ FILTER

Business Subdomain ⓘ

▸ FILTERS (2) Schedule Business Name is any value Schedule Service

▼ VISUALIZATION 📊 📈 📉 📊 📈 📉 📊 📈 📉



● Gr

● Ap

Save as a Look... ⇅ ⌘ S

Save to Dashboard... ⇅ ⌘ A

Download... ⇅ ⌘ L

Send... ↗ ↖ ⌘ S

Save & Schedule... ↗ ⌘ S


Merge Results...

Remove Fields & Filters ⌘ K

Clear Cache & Refresh ⇅ ⌘ ↻

# SAVING A LOOK TO THE DASHBOARD

Add to a Dashboard in this Space

The selected visualization is  Pie

Title

New Tile

Space

Personal

Search this Space


[Pike13 Reports](#)


New Dashboard

Save to Dashboard

# DASHBOARD INTERFACE

Shared

Business Overview - Updated, 2020 

Update 



Date

is in the last 90 days

State

is any value

City

is any value

Age



30,791

Total Orders - 2020

\$46.30

Avg Order Sale Price - 2020

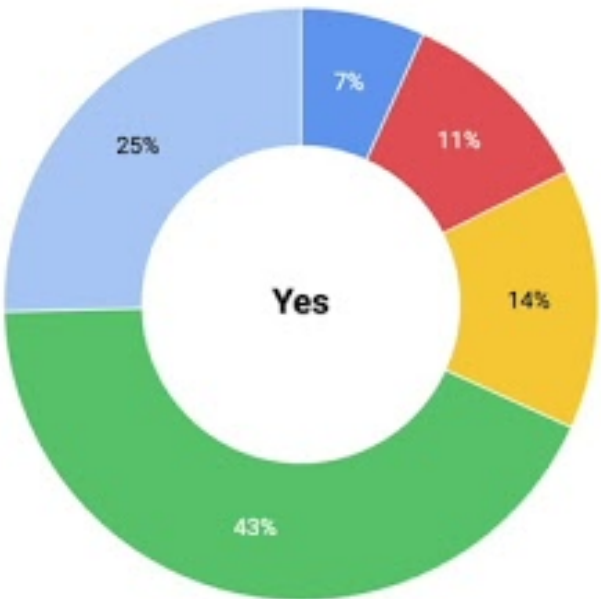
13.3%

30 Day Repeat Purchase Rate - 2020

6,234

Number of First Purchasers - 2020

Is First Purchase - Source



Display Email Social Media Organic Search



Customers by State - 2020

	Users State	Users Count
1	California	1,203
2	Texas	752
3	New York	465
4	Illinois	409
5	Florida	274
6	Ohio	242
7	Pennsylvania	210
8	Arizona	198
9	Michigan	191
10	North Carolina	184
11	Washington	167
12	New Jersey	154
13	Massachusetts	143
14	Minnesota	143
15	Tennessee	139
16	Wisconsin	139

Order Categories - 2020

# THANK YOU!

IT'S YOUR CHANCE TO ASK YOUR  
QUESTIONS TO THE PRESENTOR.