

Lab 10: Creating a Look

In this lab, we'll learn how to store or save all of the amazing analysis that we've done.

Explores or a way to explore your data, but there are temporary. After you explore your data, after you leave it, refresh the page, move away. It doesn't really save your results.

However, there are certain pieces of analysis that you will want to rerun on a monthly basis, weekly basis, daily basis or ad hoc.

And you don't want to go through it and actually select the fields and do the customizations every time. So, what we're going to learn today is how you save all the analysis you do with explorers using something called **looks**.

The looks are basically reports that you can save reports or simply just pieces of analysis that can be rerun at any point in time.

What we're going to do over here is we're going to look at the trend of sales by month.

Let's select `Total Sales` and `Month` . If this is a sales report, so we also want to see who's actually making these sales. Let's do `salesperson function` as a pivot.

Explore

Sales

Search

All Fields

In Use

Transaction Date

Date

Month

Week

Year

Transaction ID

MEASURES

Average Hours

Average Sales

Count

Hourly Price

Total Hours

Total Sales

Salesperson

DIMENSIONS

Office ID

Salesperson Age

Salesperson First Name

Salesperson Function

Salesperson ID

Salesperson Last Name

Salesperson Level

Salesperson Office Name

Filters

Visualization

Data

Results

SQL

Sales Transaction Month

Salesperson Salesperson Function

Sales Total Sales

Remove

Filter

Pivot

Group

Hide from Visualization

Can't Fill in Missing Values

Copy Values

Go to LookML

Press "Run" to explore this data.

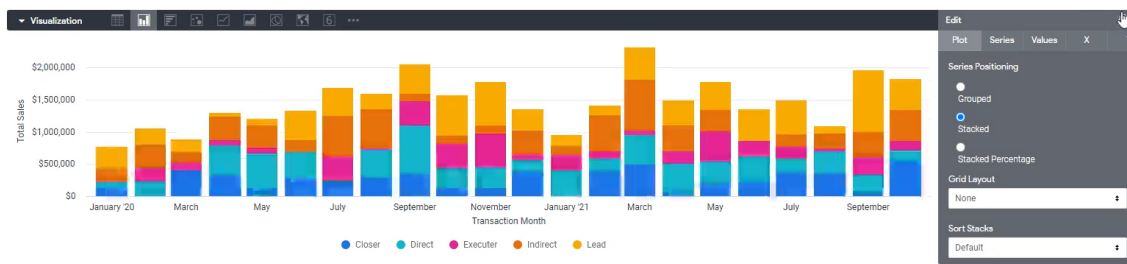
Will process 0.0 bytes

Run

Let's click `Run` .

Salesperson Salesperson Function >		Closer		Direct		Executor		Indirect		Lead	
Sales Transaction Month		Sales Total Sales		Sales Total Sales		Sales Total Sales		Sales Total Sales		Sales Total Sales	
1 2021-10		\$562,006		\$156,243		\$148,978		\$488,332		\$470,292	
2 2021-09		\$80,322		\$259,399		\$273,770		\$388,905		\$969,818	
3 2021-08		\$361,776		\$347,100		\$43,228		\$234,797		\$110,251	
4 2021-07		\$380,648		\$209,334		\$192,718		\$192,885		\$523,907	
5 2021-06		\$237,346		\$390,248		\$246,120		0		\$492,540	
6 2021-05		\$208,990		\$345,084		\$462,252		\$328,515		\$438,934	
7 2021-04		\$71,436		\$441,784		\$190,928		\$403,360		\$388,801	
8 2021-03		\$500,979		\$463,223		\$69,328		\$784,376		\$504,286	
9 2021-02		\$402,571		\$197,131		\$114,456		\$558,725		\$150,263	
10 2021-01		\$21,084		\$388,766		\$237,216		\$140,238		\$178,388	
11 2020-12		\$390,040		\$181,516		\$96,384		\$358,889		\$329,635	
12 2020-11		\$139,304		\$316,658		\$529,914		\$123,860		\$676,964	
13 2020-10		\$130,934		\$320,091		\$370,143		\$126,514		\$626,539	
14 2020-09		\$371,754		\$738,710		\$380,459		\$115,075		\$451,526	
15 2020-08		\$302,683		\$428,144		\$29,220		\$597,245		\$243,593	
16 2020-07		\$215,072		\$32,859		\$379,315		\$628,667		\$435,297	
17 2020-06		\$284,665		\$417,816		0		\$177,484		\$458,014	
18 2020-05		\$103,837		\$572,049		\$87,660		\$343,352		\$101,858	
19 2020-04		\$347,305		\$447,918		\$89,459		\$361,634		\$55,463	
20 2020-03		\$407,457		0		\$134,555		\$156,553		\$191,502	
21 2020-02		\$27,108		\$215,413		\$199,519		\$373,346		\$247,749	
22 2020-01		\$127,707		\$104,402		\$9,798		\$206,611		\$334,452	

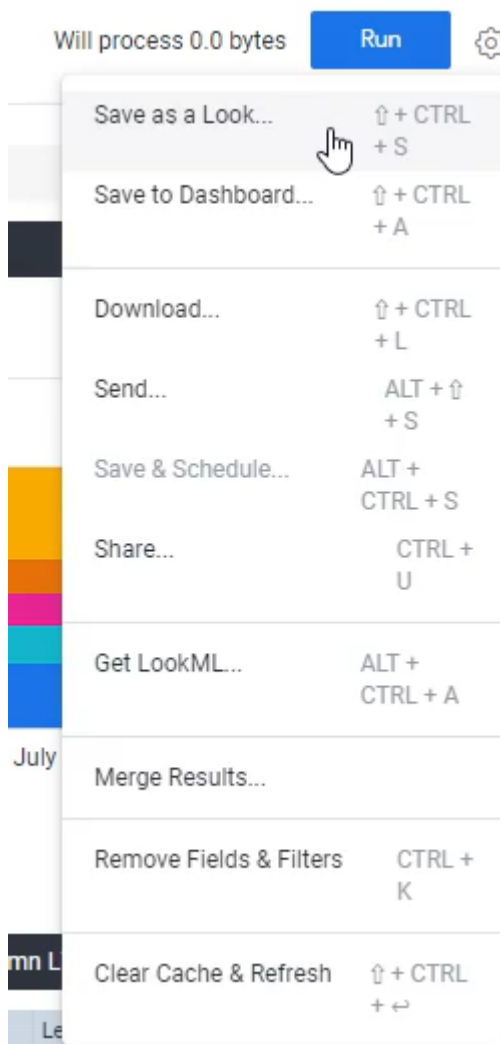
Let's go to visualization and select `column` chart instead, and also make it a `stacked` column chart.



The total bar tells us how much sales there were that month, and each portion here tells us if it was from a direct sales person, it was from a closer, from an indirect, from a let's see from a lead or an executor.

For example, September looks like most of the sales were from lead sales people. Whereas in March looks like a lot of it was from indirect sale. That's pretty important. And this is a piece of analysis that I probably want to do every month. So let me save it.

What we're going to do now is click the gear icon and select `Save as a Look`.



We're going to call or look or report again, they're interchangeable monthly sales reports.

Title: Monthly Sales Report

Description: This report shows us the distribution of monthly sales by salesperson function - this report shows all months.

Save Look

Development Mode Enabled

Title

Monthly Sales Report

Description optional

This report shows us the distribution of monthly sales by salesperson function - this report shows all months.

Folder

Users > Developer Student

Shared

Developer Student

Users

Filter by title...

This folder is empty.

Save & View Look

Save

Places, we can share it and we can share it in our shared folders. Right now, we only have one.

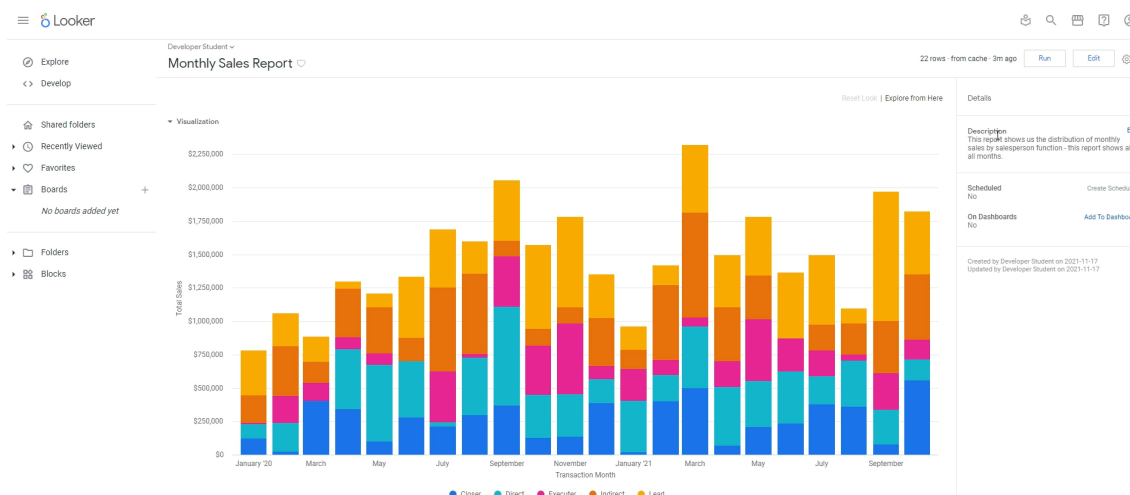
We can share it in your own folder, your own personal folder. Or you can share it in someone else's folder as well if you have access.

We're simply going to share it within our own folder, which is what I suggest you do as well if you're in a developer instance account.

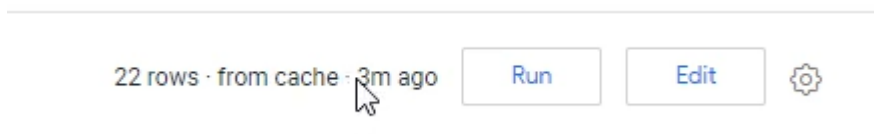
OK, we then going to click `Save & View Look`.

This is our report. A few things here that we will go through for the actual layout. The top is our actual.

Is the actual title of a report, we can see your pane over here that shows the details, but this tells us the description.



We also see three things over here that are fairly important.



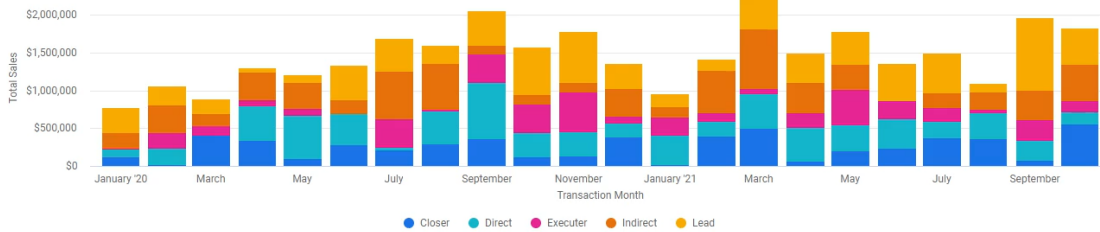
We see the amount of rows that were output. We can see if it was from cache or from table and with the most important thing that it tells us over here is how many minutes ago was this report generated.

This is pretty important because if you have transactional data, for example, that might update every 10 minutes, you might want to know if this report you're looking at is from one hour ago. Or if it's from the last minute, because then that might change your interpretation of the data.

Not only do you have the visualization here, but you also have the underlying data, so you can always click data, for example, look at it most times, though the visualization is enough because again, if you want an actual number, you can simply just highlight over it and get that number.

[Reset Look](#) | [Explore from Here](#)

Visualization



Data

Results

SQL

Row Limit

500

Column Limit

Salesperson	Salesperson Function	Closer	Direct	Executor	Indirect	Lead
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12 2020-11		\$139,304	\$316,658	\$529,914	\$123,860	\$676,964
13 2020-10		\$150,054	\$550,001	\$270,143	\$176,614	\$676,630

So, this is your look and it's also called a report.