LOOKER

Dr. Ernesto Lee

INTRO AND GETTING STARTED WITH LOOKER

WHAT IS LOOKER?

Business Intelligence & Analytics Tool



Analyze data in real-time

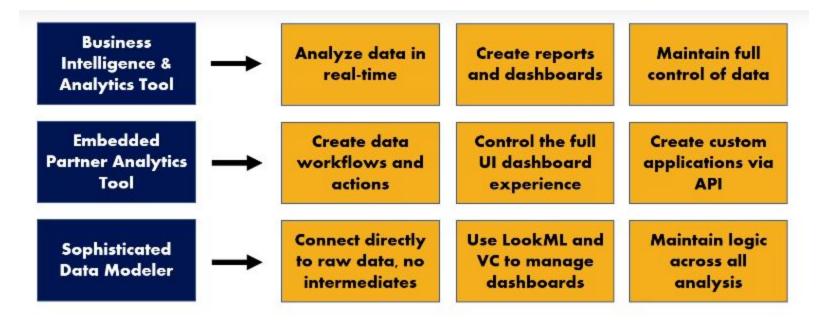
Create reports and dashboards

Maintain full control of data

WHAT IS LOOKER?



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Business Intelligence & Analytics Tool



Analyze data in real-time

Create reports and dashboards

Maintain full control of data

Embedded
Partner Analytics
Tool



Create data workflows and actions Control the full UI dashboard experience Create custom applications via API

Sophisticated Data Modeler



Connect directly to raw data, no intermediates Use LookML and VC to manage dashboards Maintain logic across all analysis

Cloud based extensible platform

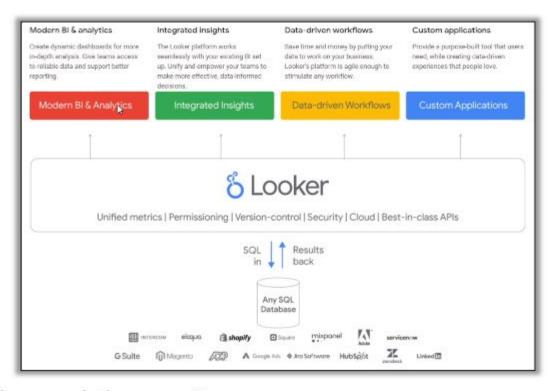


Permissions, security, all in browser

Partner ecosystem

Sophisticated extension framework

WHAT IS LOOKER



FEATURES

Cloud based

Workflows and delivery

Partner network

Supports multi-DB Data model / LookML No-code, curative and user-friendly

Unified and governed metrics

24/7
DB connected

Google

WHAT ELSE IS OUT THERE?

Tableau

- No desktop software required
- Optimized for the cloud
- A trusted data model
- API enabled data experiences
- Modern in-product live support

https://looker.com/compare/looker-vs-tableau

WHAT ELSE IS OUT THERE?

Power BI

- Modern multicloud data platform
- Power SQL-based modeling language
- Seamless 100% web-based experience
- Trusted data
- Live support with Looker experts

https://looker.com/compare/looker-vs-power-bi

IS IT WORTH IT?





OUR PATH

	User / Analyst	Developer / Administrator			
Introduction	Features, Course Overview, How to Succeed				
Environment	Account Creation, De	ata Set Up, Terminology			

Beginner Explores, Visualizations, Looks Database, Filters, Format, Label, Locations

Filters, Custom Fields, Sharing, Join, Field Groups, Advanced Format, Intermediate **Organization Explore Actions, View Settings**

Advanced Visualization, Dashboards, **Explore Settings, Parameters, Permissions,** Expert **Extensions**, Dashboards **Advanced Data Manipulation**

Conclusion Certificate, Next Steps

Keys To Success



DATA WALKTHROUGH

LAB 1: LOADING DATA INTO LOOKER

LET'S SPEAK THE LANGUAGE

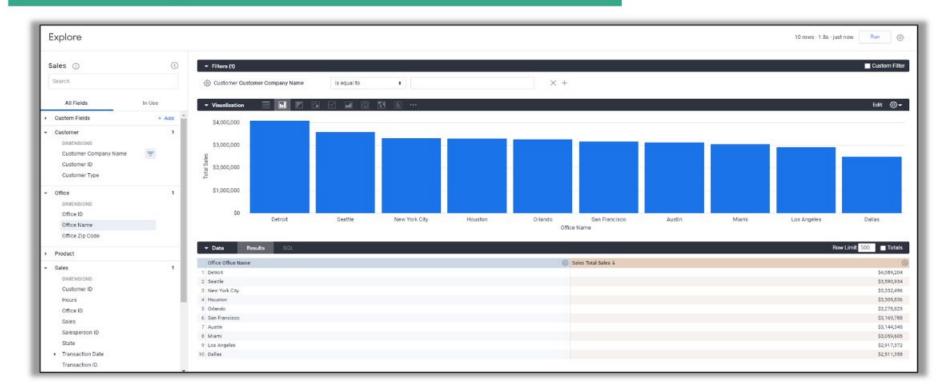
SPEAK LOOKER

Fields vs. Dimensions vs. Measures

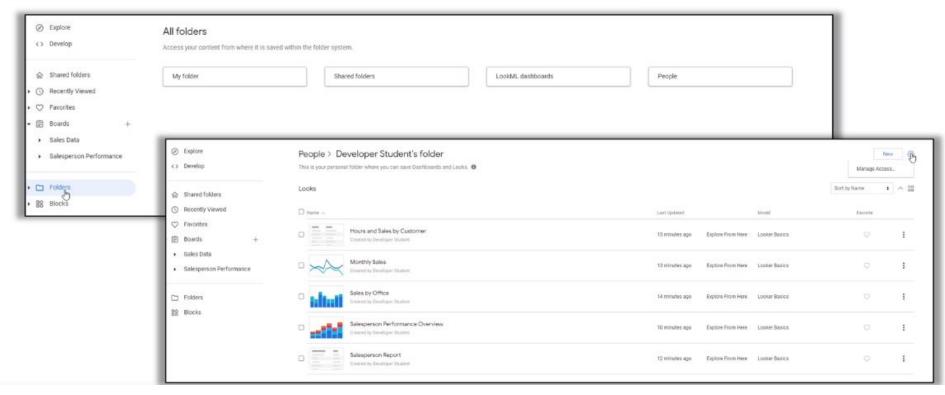
	Office Office Name	(c)	Customer Customer Company Name	0	Sales Total Hours ↓	(0)	Sales Total Sales (5)	Sales Count	{
1	Detroit		SandHaul			443	\$784,244		7
2	Seattle		Pdump			357	\$536,643		6
3	Orlando		Trashly			323	\$539,560		5
4	Orlando		Blastine			321	\$439,138		5
5	Seattle		BumperTruck			307	\$515,276		6
6	Detroit		Trashly			301	\$529,913		4
7	San Francisco		Suppler			296	\$486,367		5
8	Houston		Bucker			265	\$360,133		6
9	Houston		DumpSpot			261	\$416,139		3
0	Los Angeles		Trashly			251	\$349,327		4
1	Dallas		Sucket			250	\$414,972		3
2	Detroit		Motore			247	\$455,394		4
3	Miami		Tractore			246	\$399,903		3
			mil .				500.000		

SPEAK MORE LOOKER

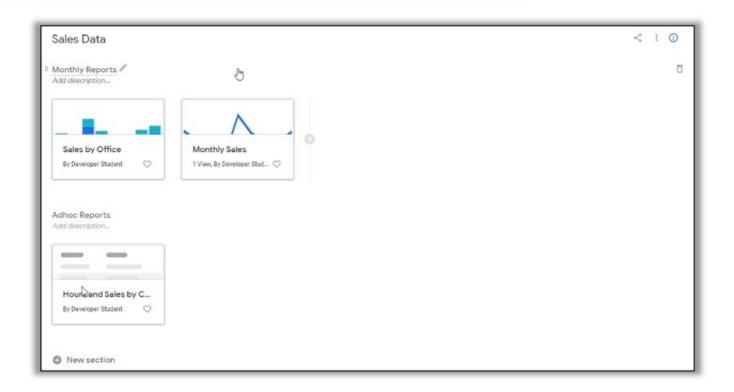
Explores vs. Looks vs. Dashboards



Boards vs. Folders



Boards vs. Folders



LOOKML VERSUS SQL

LookML vs. SQL

SQL

SQL is a language that lets you access, retrieve, and manipulate data in a SQL-supported database (95% of databases use some flavour of SQL in my opinion)

Select office, sum(sales) as total_sales from sales_data group, by office

LookML

LookML is a language for describing dimensions, aggregates, calculations, and data relationships in a SQL database.

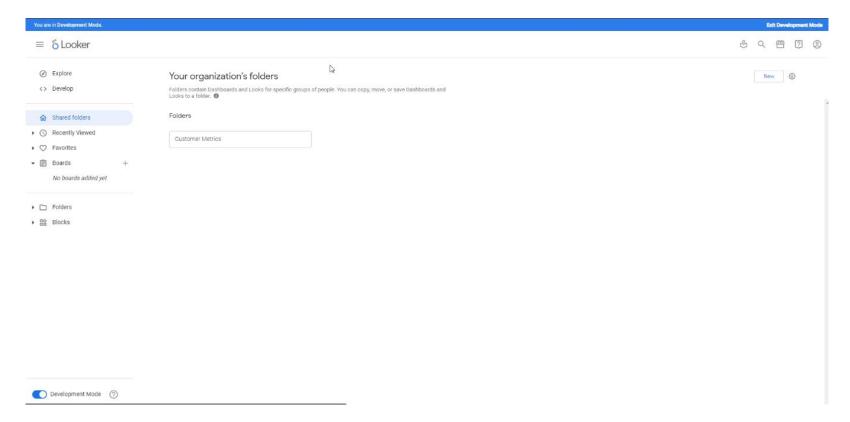
Looker uses a model written in LookML to construct SQL queries against a particular database

```
View: sales (
    derived_table: sales_data

Dimension: office (
    type: string
    sql: office;;
)

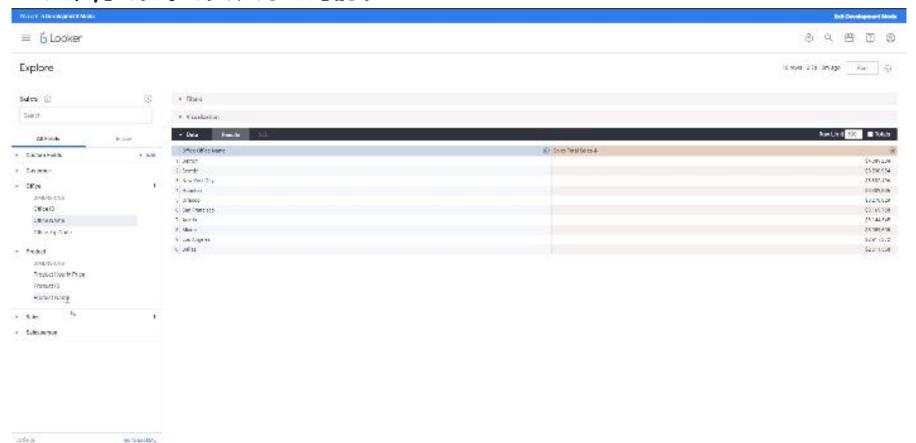
measure: total_sales (
    type: sum
    sql: sales
}
```

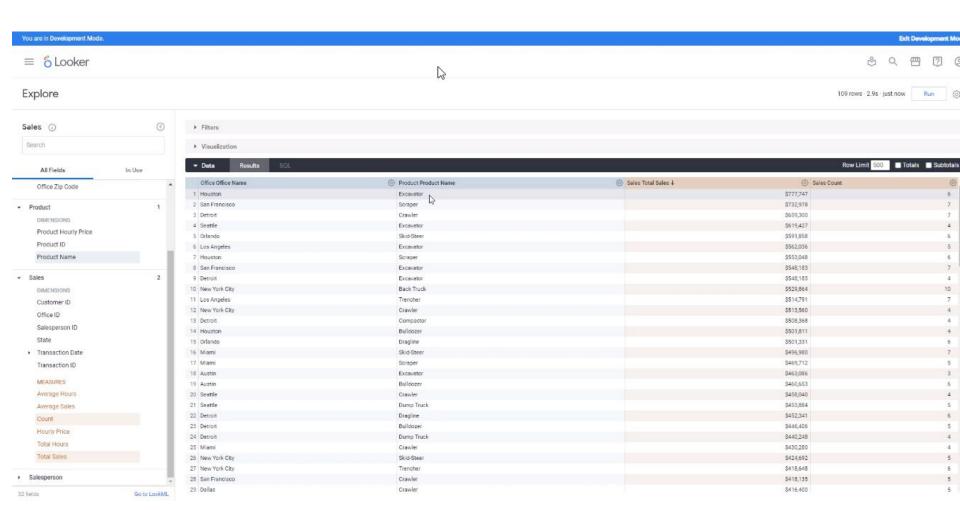
MENU NAVIGATION



LAB 2: CREATE AN EXPLORES

DIMENSIONS AND FIELDS

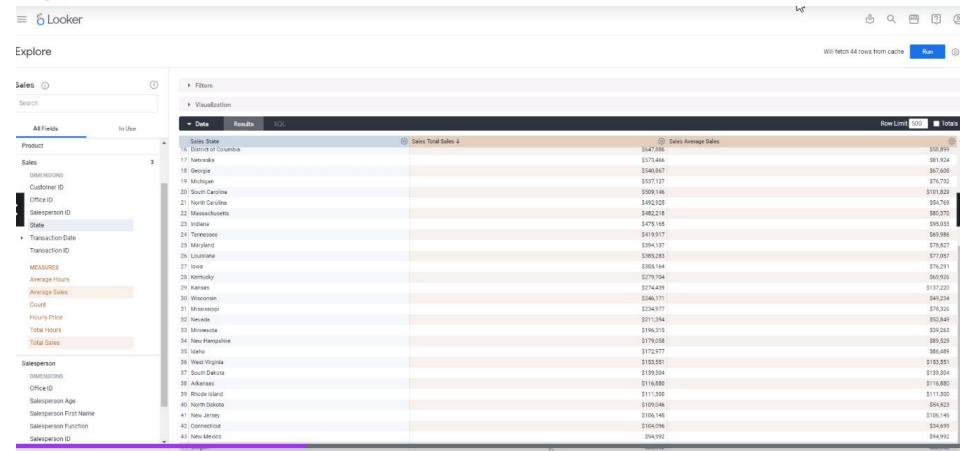




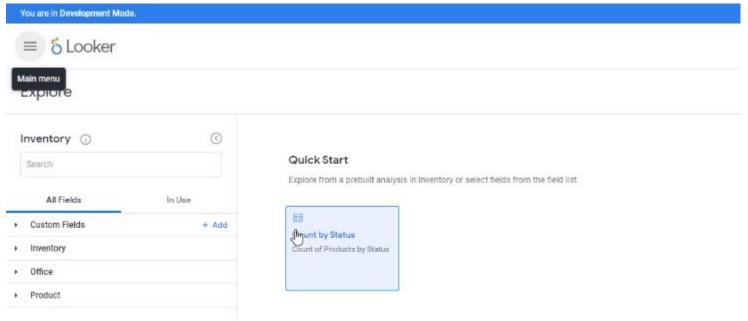
REMOVE FIELDS



SORTING AND ADDING



QUICK START ANALYSIS



PIVOT FIELD

