



INTRODUCTION TO TABLEAU

WHAT IS TABLEAU?
INSTALLATION CONFIGURATION
ON DEMAND
CONNECTING TO SAMPLE DATA
CONNECTING TO POSTGRES
INTRO TO WORKFLOW
CONNECT, FILTERING, DATA PANE



Matthew Morris

Git: DasTraining

Msmorris@costco.com

Tableau Project Flow



Tableau Project Flow

ETL process – Data prep tools



Data Viz or Consumption tools



The Market



FusionCharts



Sense



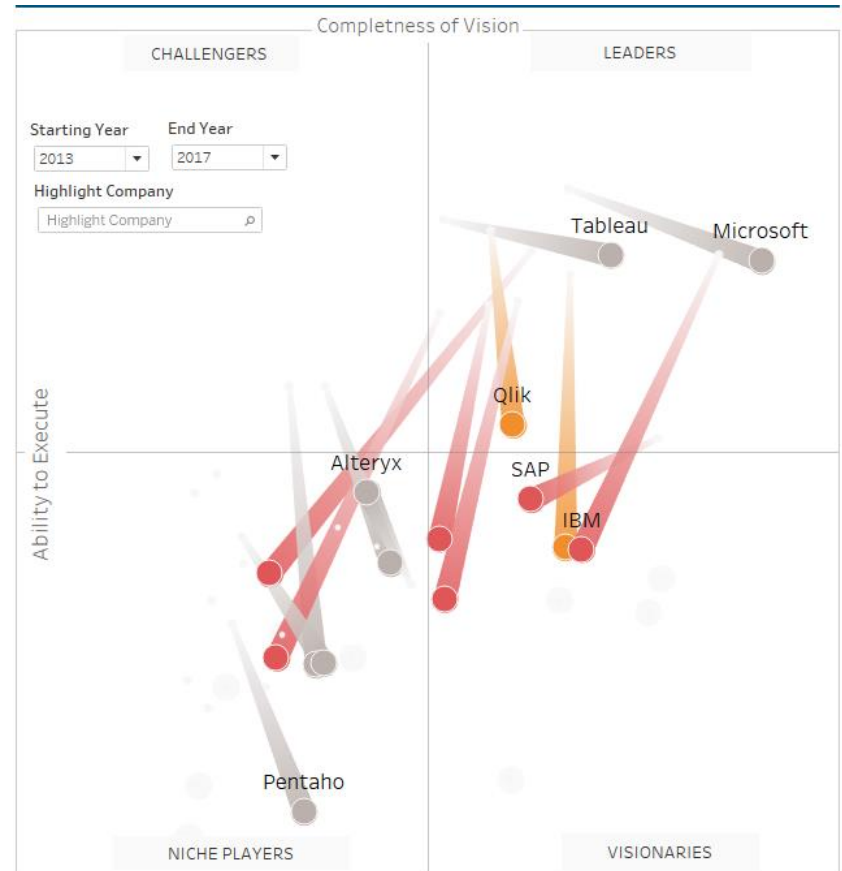
The Market



The Market

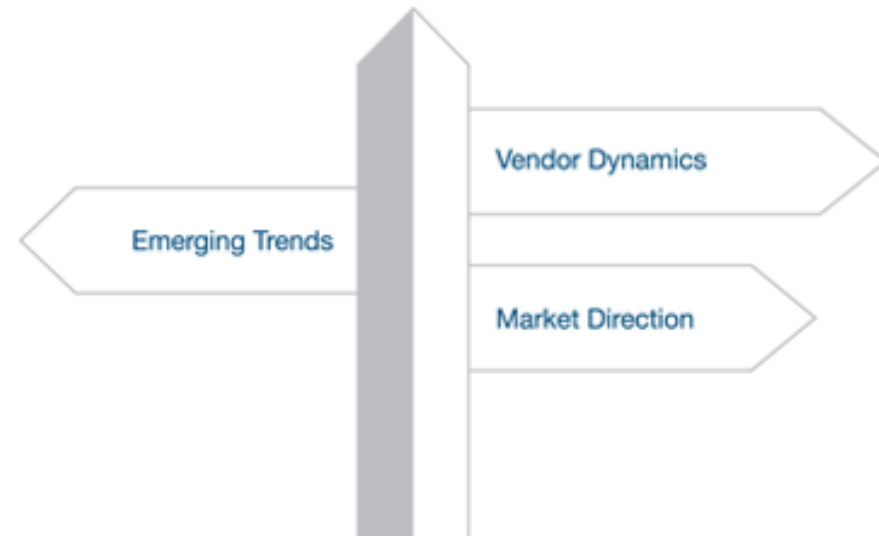
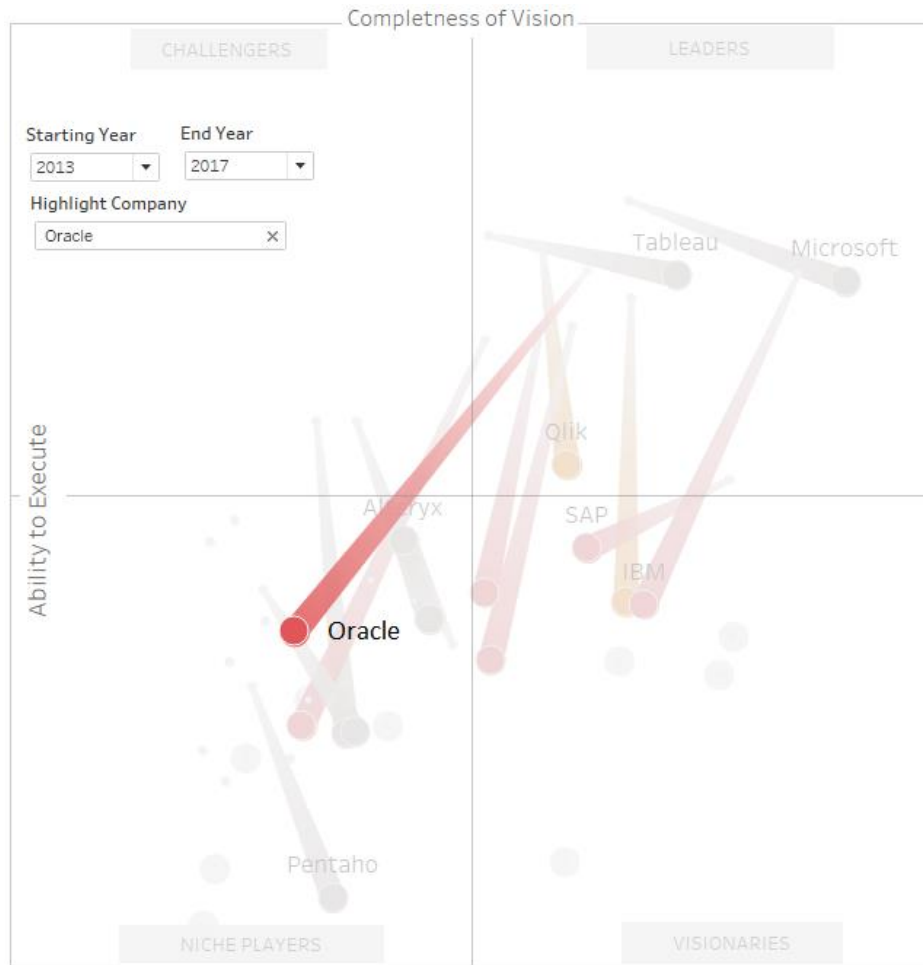


Source: Gartner (February 2017)



The Market

The Oracle decent into Hades



<https://www.gartner.com/technology/home.jsp>

Application Overview

Tableau Distribution Options

Data Sources



Connect
↔



Tableau Desktop

- Create/Author
- Adhoc Analysis

Distribute
↔

Export

- Image/Data
- Print to PDF
- Crosstab to Excel



Tableau Reader

- Free
- Offline
- Interactive
- Packaged File



Tableau Server

- Online
- Live connection
- Interactive
- Secure
- Zero footprint

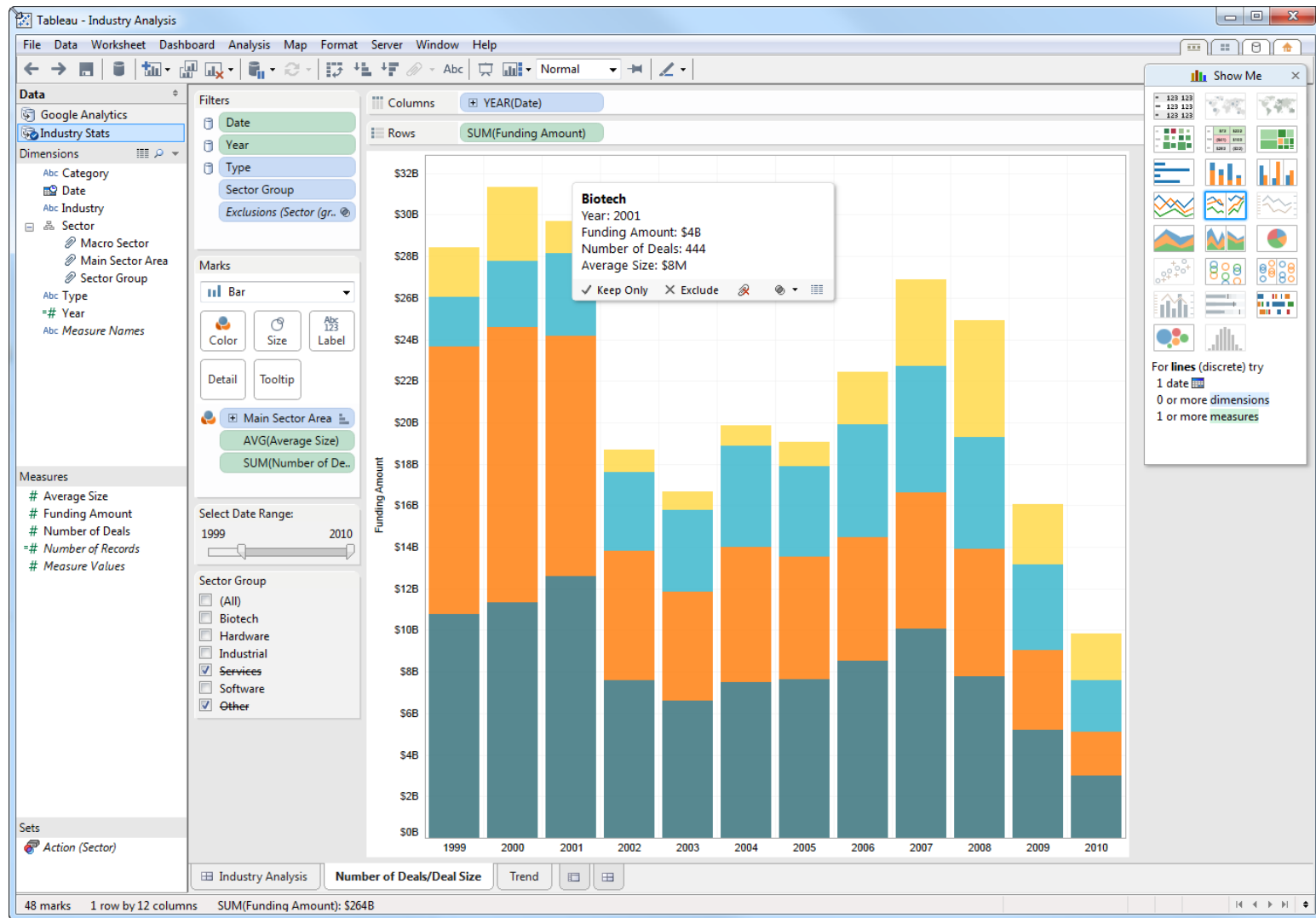


Tableau Public

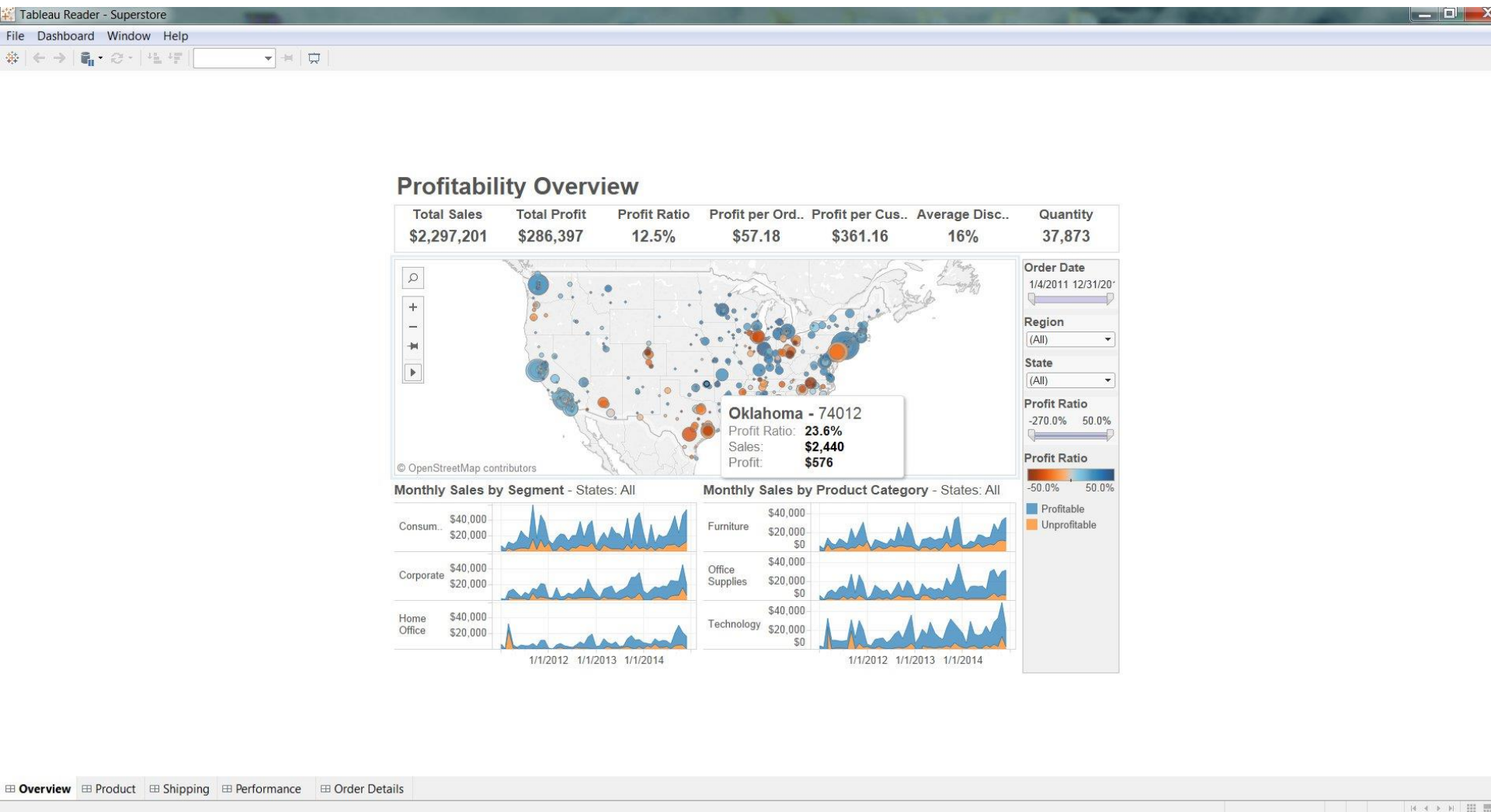
- Free
- Online
- Interactive
- Public



Application Overview



Application Overview



Application Overview

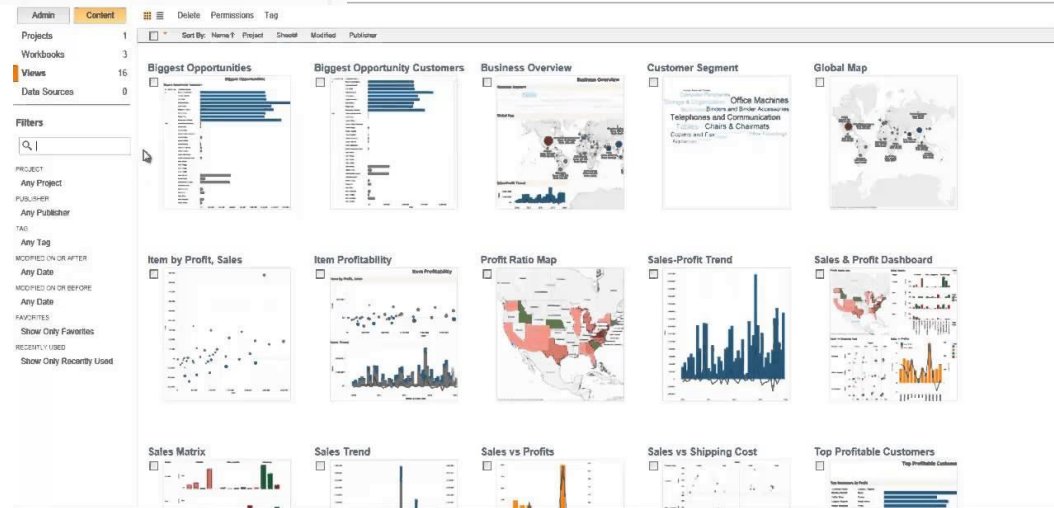
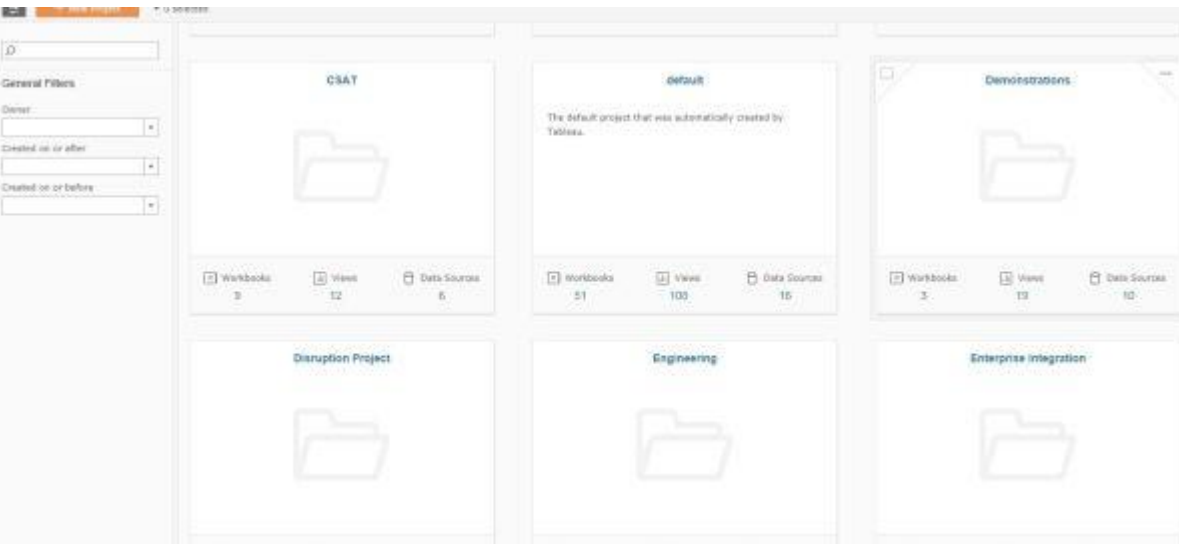


Tableau release

- 1.0 Version release < 365
- 1.1 Feature release < 90 days
 - 1.1.1 Maintenance or bug fix release <30 days

Application Overview

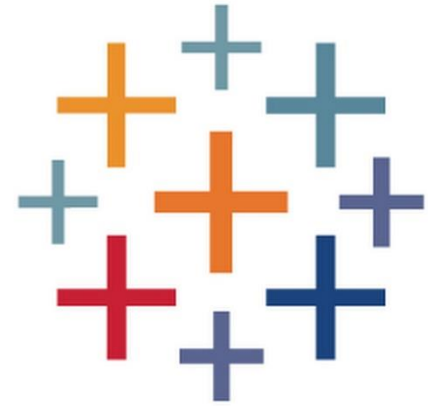
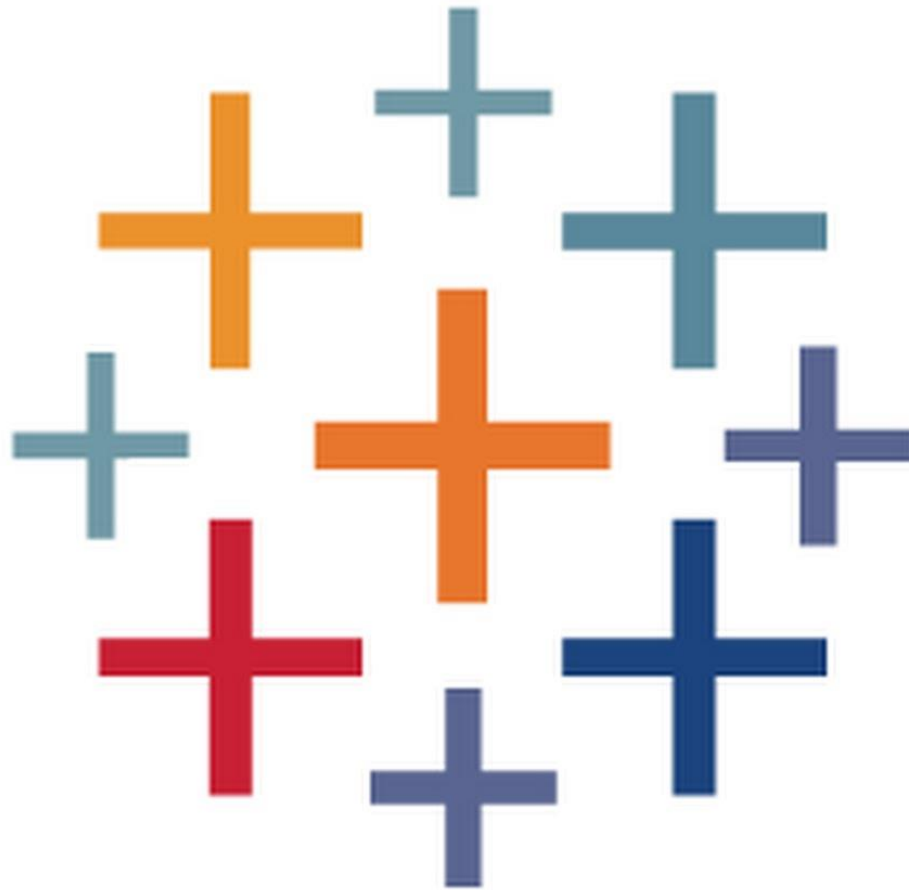


Tableau general notes

When connecting to files store all files relevant in one folder



Application Overview



Orientation of application
Connect to sample data
Intro to Workflow
Filtering, Data Pane

Conclusion

Tableau is one of many Data visualization tools.

Being familiar with story telling via visualizations is key.

Tableau is a visualization tool and not an ETL tool.

When dealing with massive amounts of data, look for ways to segment.



Q & A

*Visualizations act as a campfire around
which we gather to tell stories.*

—AI Shalloway

FEEDBACK

CLASS : AGGREGATION AND FILTERS

QUESTION:

What purpose does a tool like Alteryx or Oracle Developer serve if you can connect and do your SQL in Tableau?

