

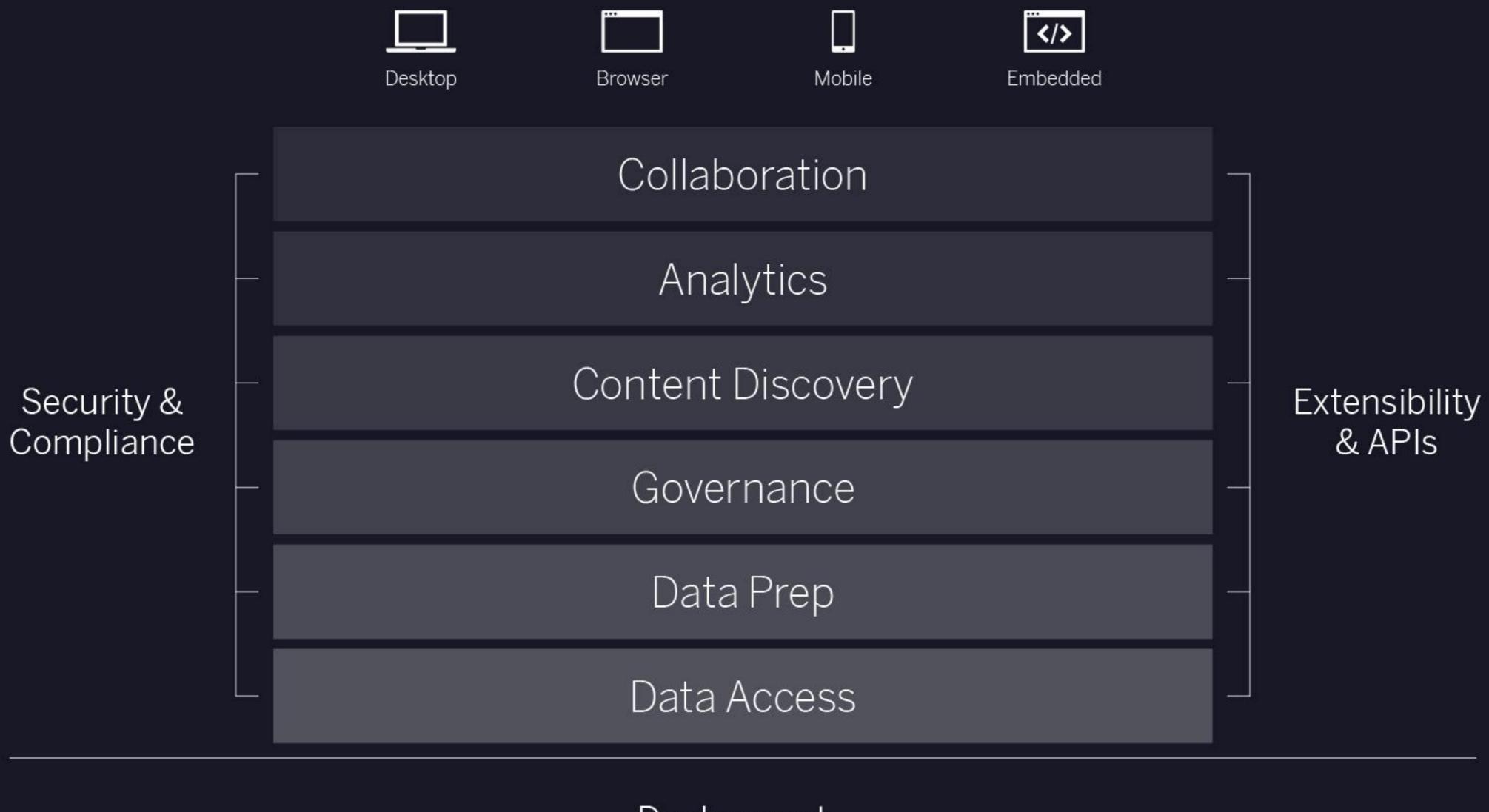
#### DATA DAY OUT

## Meet the Devs: Innovations Towards Data Ubiquity

#### Ken Wong

Director, Product Management, Analytics Tableau





#### Deployment















 2018.2
 2018.3
 2019.1
 2019.2

Dashboard grids Set actions Ask Data Parameter actions Tableau Extension Gallery Heatmaps Vector maps Dashboard Extensions Tableau Prep Conductor Show/hide dashboard containers New data-driven alerts view Spatial join Transparent worksheet backgrounds Redesigned Tableau Mobile App Show/hide sort controls Navigation action Mixed content types Replace worksheet in a dashboard Automatic mobile layouts Nested sorting improvements New user notifications Export to PowerPoint Spatial calculations—MakeLine, MakePoint Downgrade workbook Secure RServe connections Google Ads Connector PostgreSQL+PostGIS Spatial support Secure RServe connections Commenting improvements Multiple table storage for extracts Connect to Dropbox, One Display 18.2 One Drive on the 2018.3 product language for extracts Connect to Dropbox, Table 2018.2

Customizable reference line tooltips Spatial data updates Dashboard zone names Connector improvements Tableau Services Manager Tableau Online Admin Insights Okta Integration improvements Web authoring improvements Backgrounder job admin tools Secure TabPy connections Transparent filters, highlighters, and parameters Device layout preview on the web Nested sorting OAuth enabled for Snowflake Connector Ask Data improvements ISO-8601 standard weeks Tableau Bridge improvements URL action improvements New Tableau Content Browsing Experience Negative values on log axes Identity auto-sync with SCIM for Tableau Online Tableau Mobile for Workspace ONE Site start page Microsoft Azure SQL Data Warehouse Connector Dashboard navigation button. Create and edit parameters in the browser

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### Tableau 2019.2

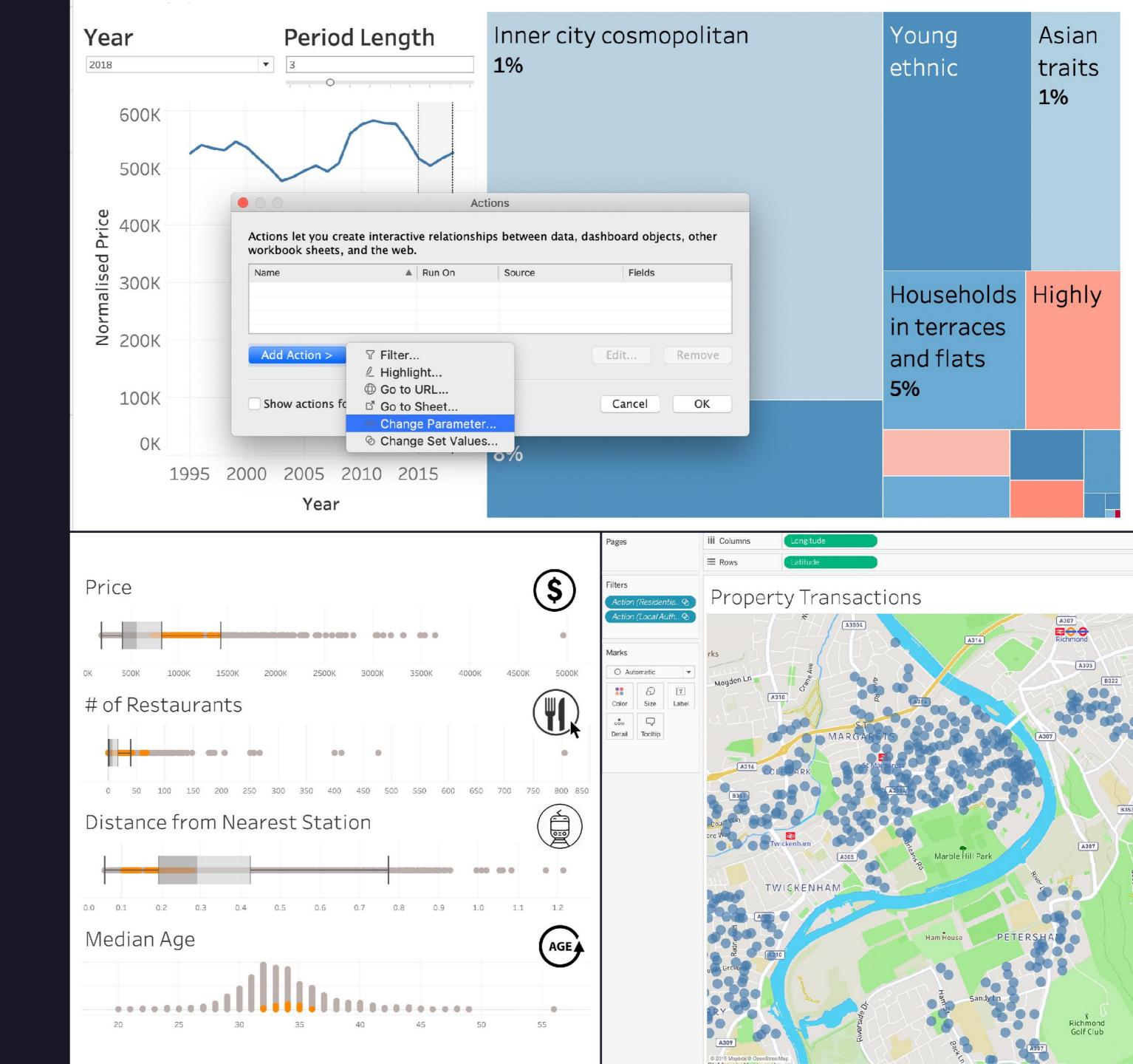
Vector maps

Spatial calculations

Parameter actions

Show hide containers

Auto-layout mobile









At Scale





At Scale



**Trusted Data** 

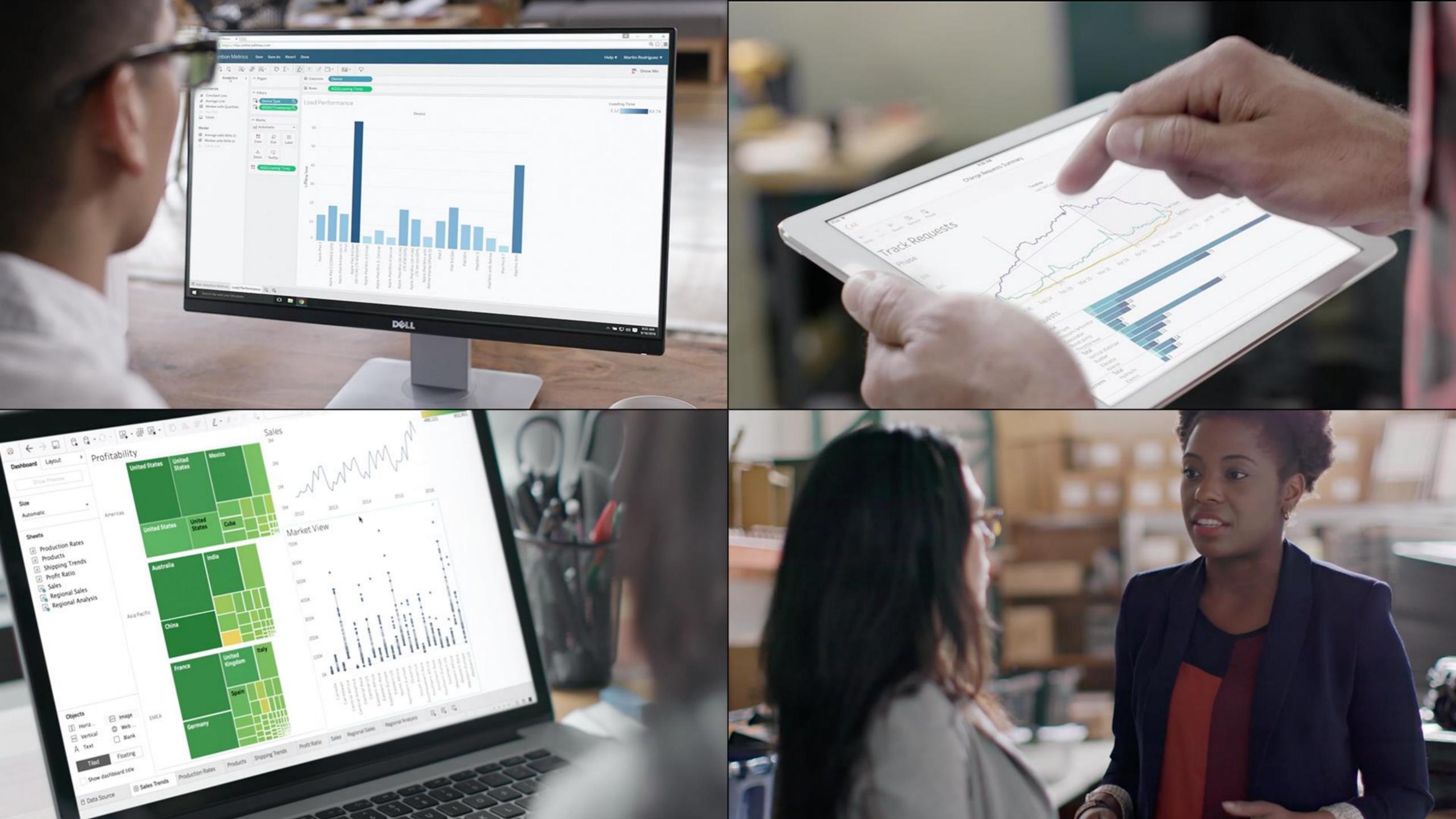


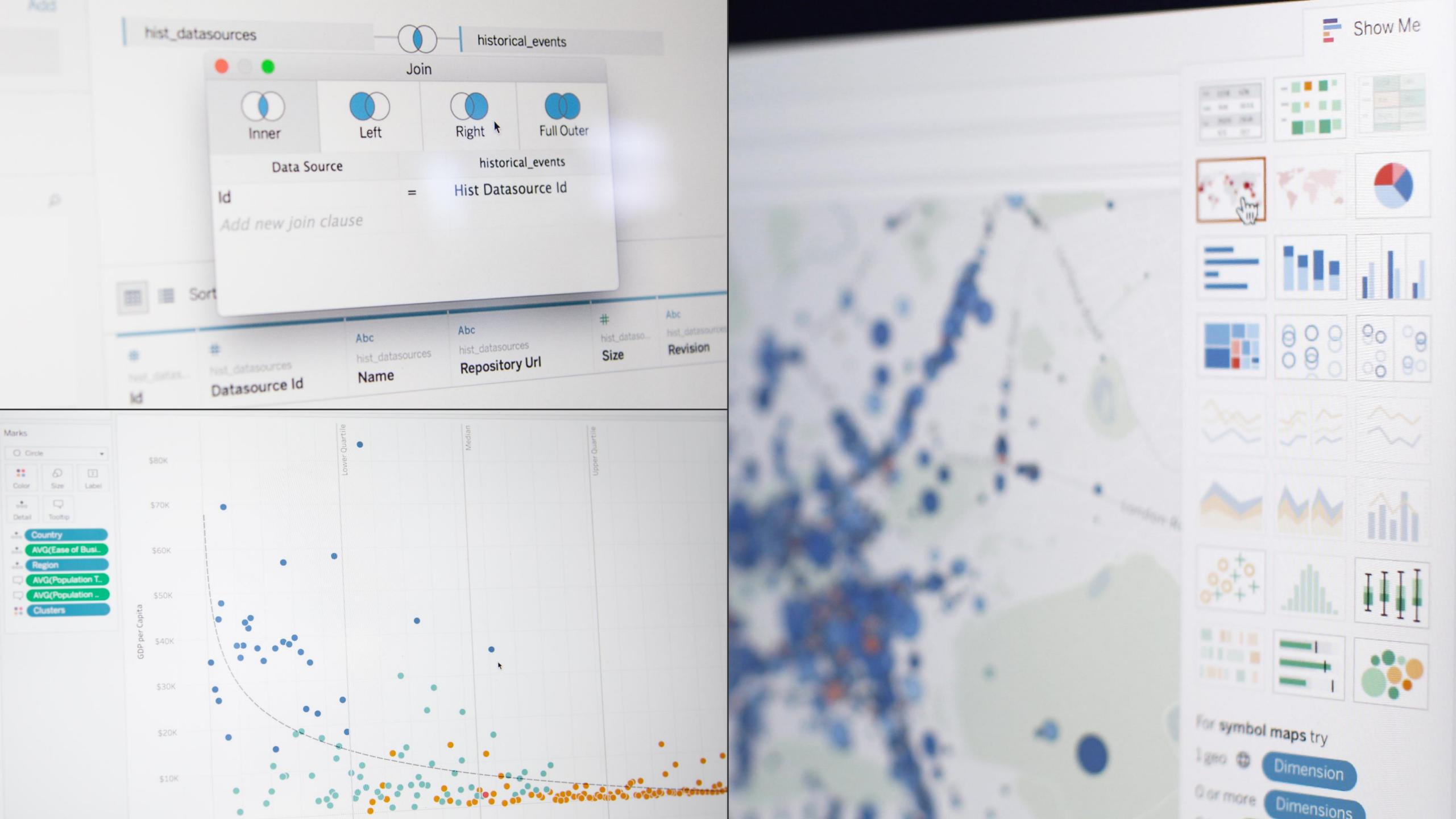


At Scale

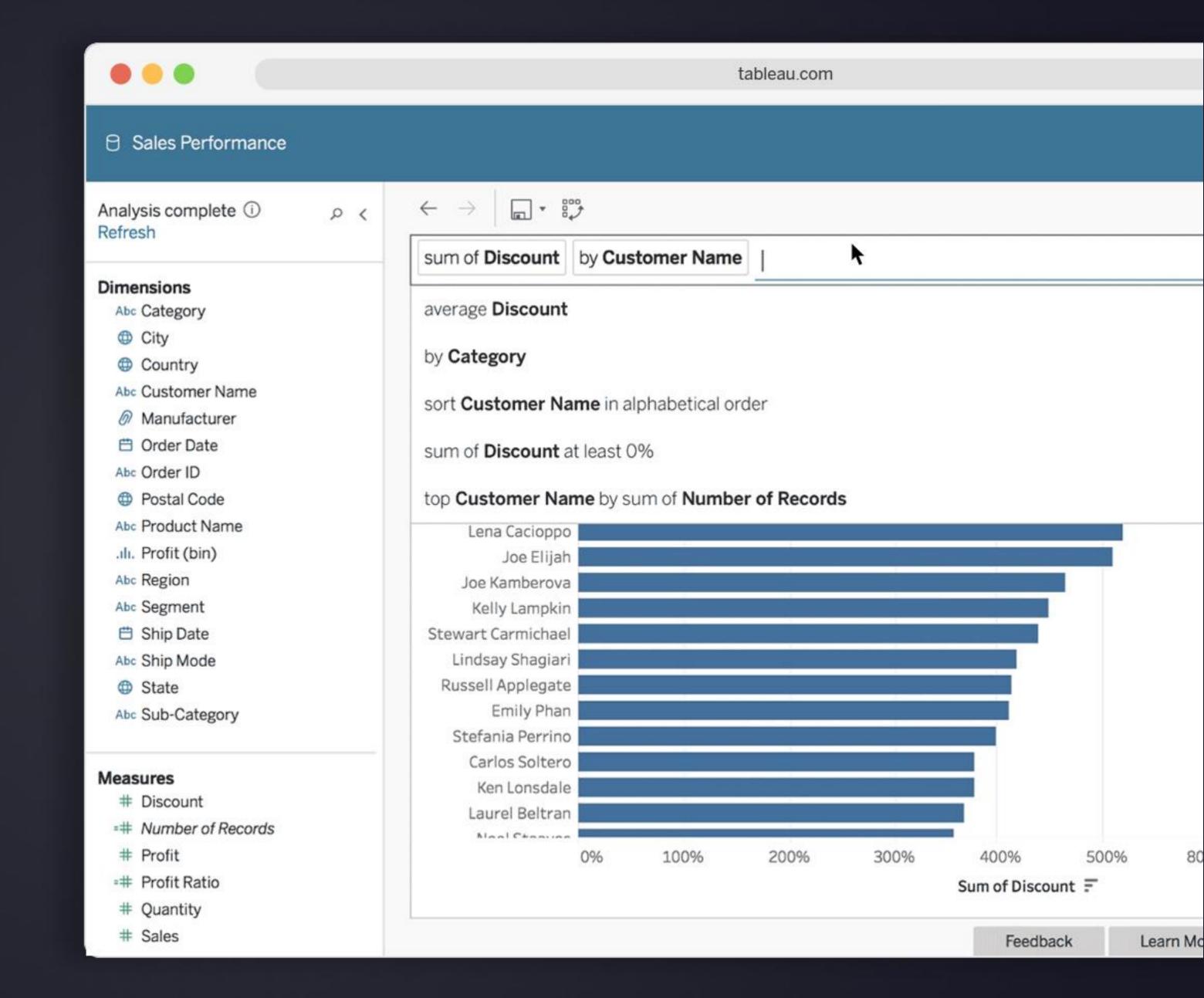


**Trusted Data** 





## Ask Data



# 共主 + a b l e d u

### Ask Data

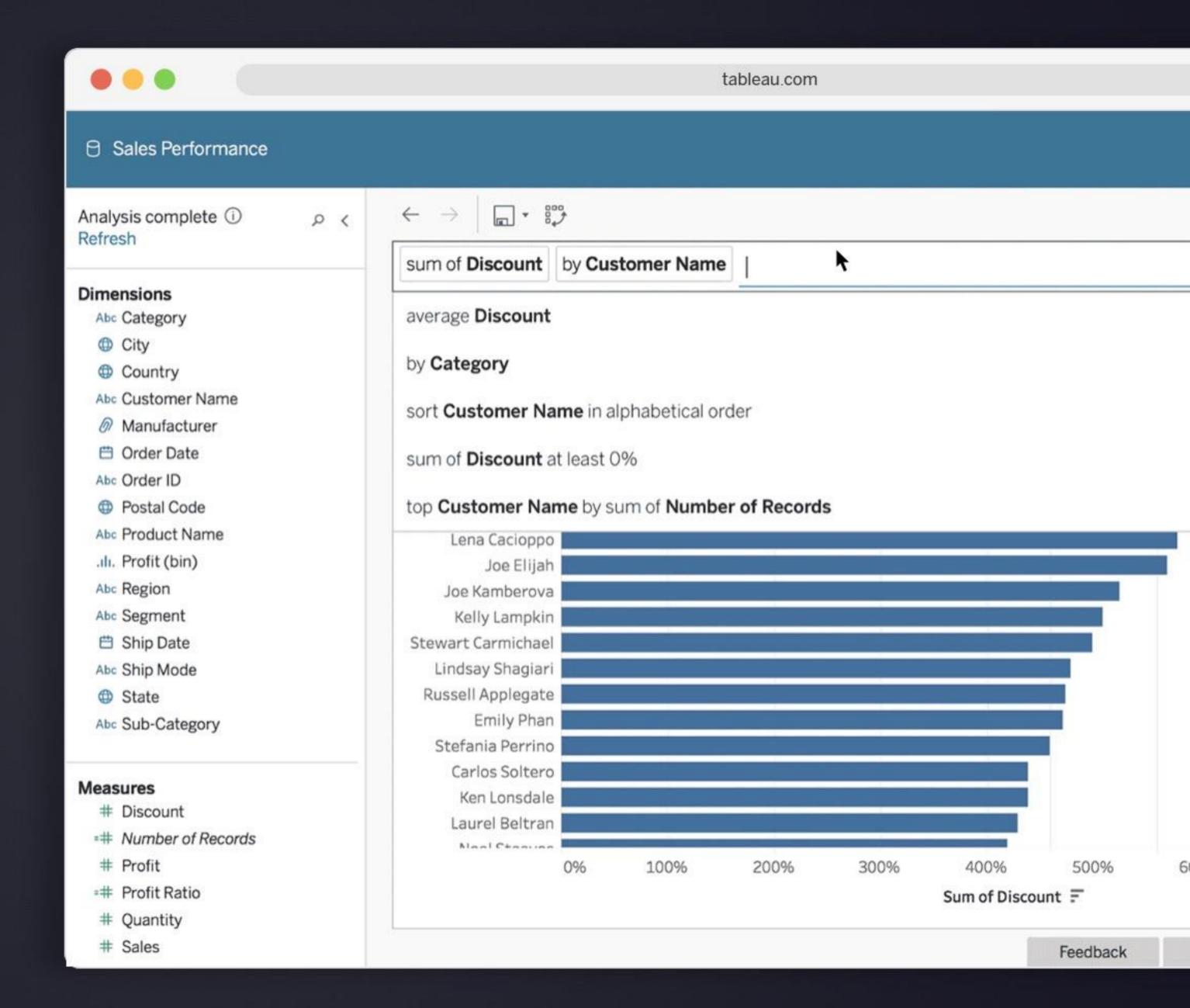
Create calculations

Ask more powerful questions

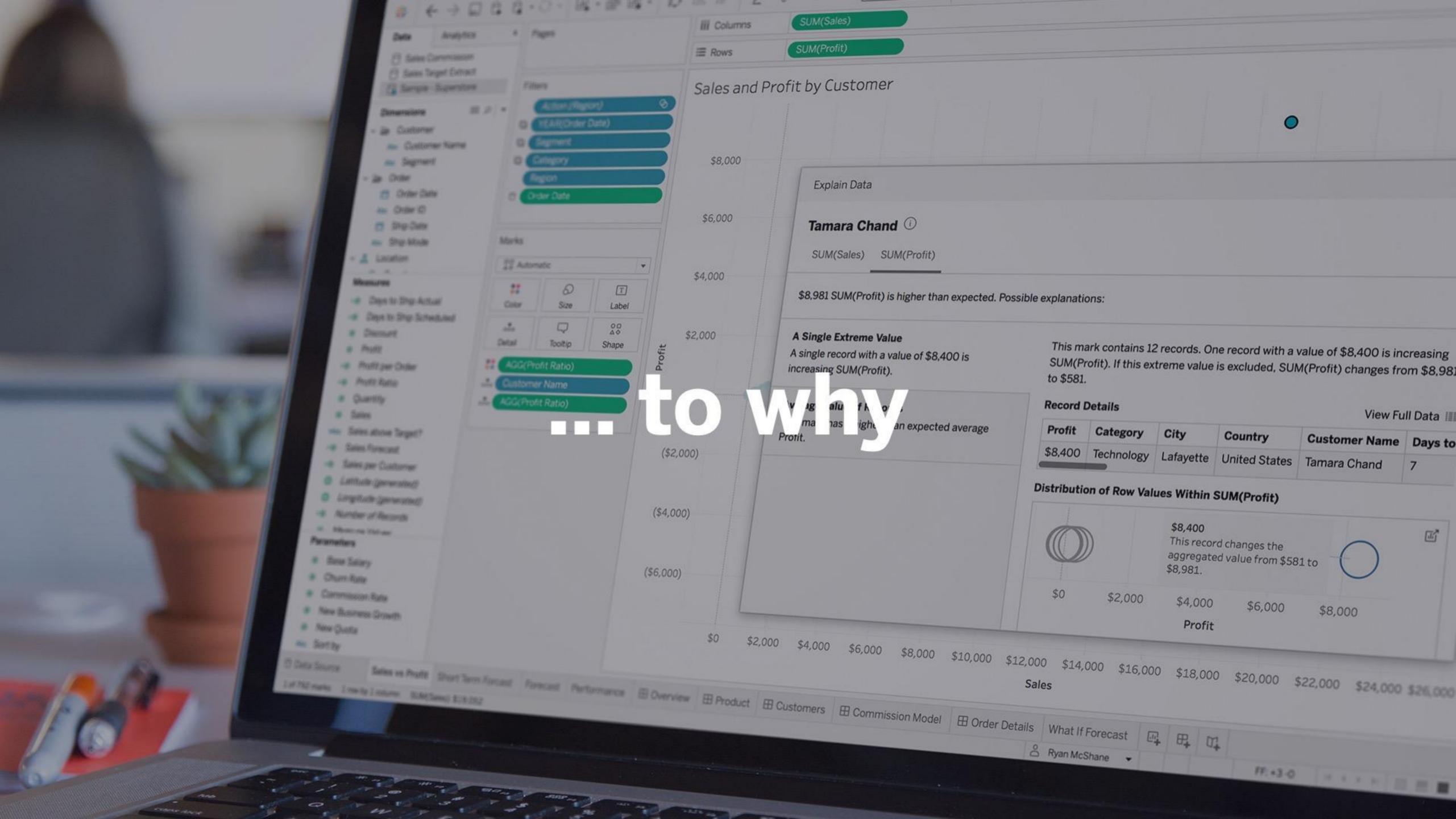
Get insights with usage analytics

Ask questions directly on a viz

Embed Ask Data into your portals







#### Tamara Chand

SUM(Sales)

SUM(Profit)

\$8,981 SUM(Profit) is higher than expected. Possible explanations

#### A Single Extreme Value

A single record with a value of \$8,400 is increasing SUM(Profit).

#### Average Value of Records

This mark has a higher than expected average Profit. This mark contains 12 records. One record with a value of \$8,400 is increasing SUM(Profit). If this extreme value is excluded, SUM(Profit) changes from \$8,981

# Explain Data

View Full Data

Profit

Categor

City

Country

**Customer Nam** 

Days to

\$8,400

Technology

Lafavette

United States

Tamara Chand

7

Distribution of Row Values Within SUM(Profit)



\$8,400

This record changes the aggregated value from \$581 to \$8,981.



50

52,000

\$4,000

56.000

8.000

Profit

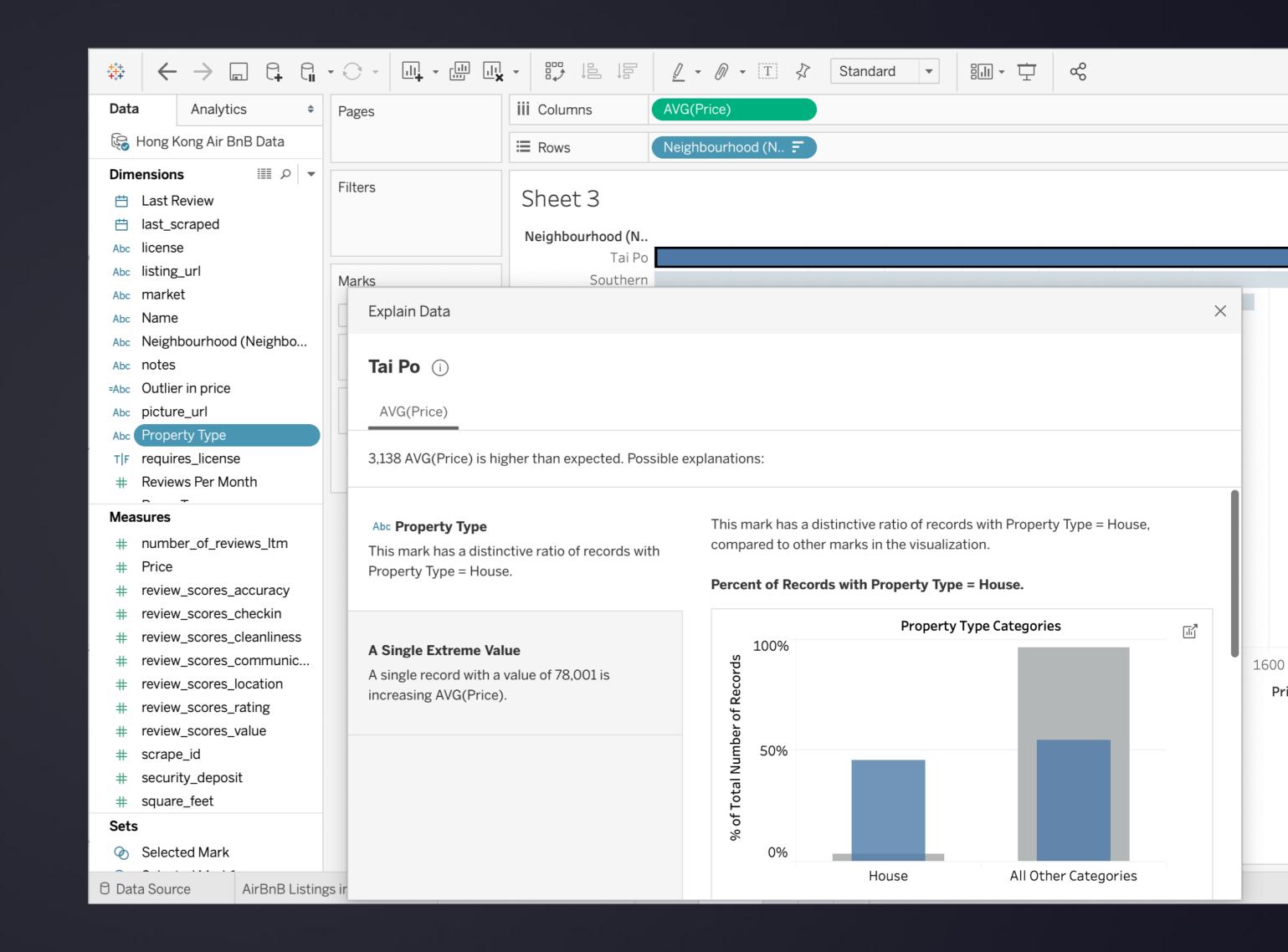
# 共主 + a b l e d u

### Explain Data

Faster Discovery

Better Insights

Seamless Exploration







At Scale

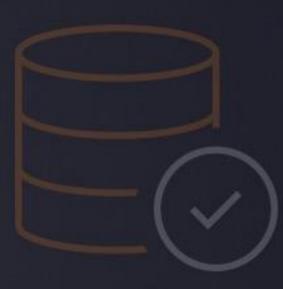


**Trusted Data** 





At Scale



**Trusted Data** 





Security

Scalability

Efficiency

OpenID authentication
JavaScript API

**Data Extract API** 

Project controlled permissions

Smart Card support

Parallel queries

Query Fusion

Administrative Views

High Availability

2016

Unattended install of Server

Conditional subscriptions

Site SAML

Desktop License Reporting

Disk Performance Monitor

**Extract Failure Notification** 

Revision History

Document API

Mobile Device Management

Fast repository failover

Low disk-space monitor

Oracle VPD Support

OpenID authentication

2017

508 Compliance

SSO Support for SAP BW

Guest Access per Site

LogShark

Data Driven Alerting

Unattended install of Server

Conditional subscriptions

Site SAML

Desktop License Reporting

Disk Performance Monitor

Extract Failure Notification

Revision History

Document API

Mobile Device Management

Fast repository failover

2018

Encryption at Rest

Tableau Prep Conductor

Tableau Online Admin Insights

Redesigned mobile app

Export to PowerPoint

Google Ads Connector

OAuth Enabled for Snowflake connector

Azure SQL Data Warehouse Connector

Secure TabPy connections

Secure RServe Connections

Okta Integration improvements

Connect to DropBox, OneDrive, Google Drive

New data driven alerts view

Site start page

508 Compliance

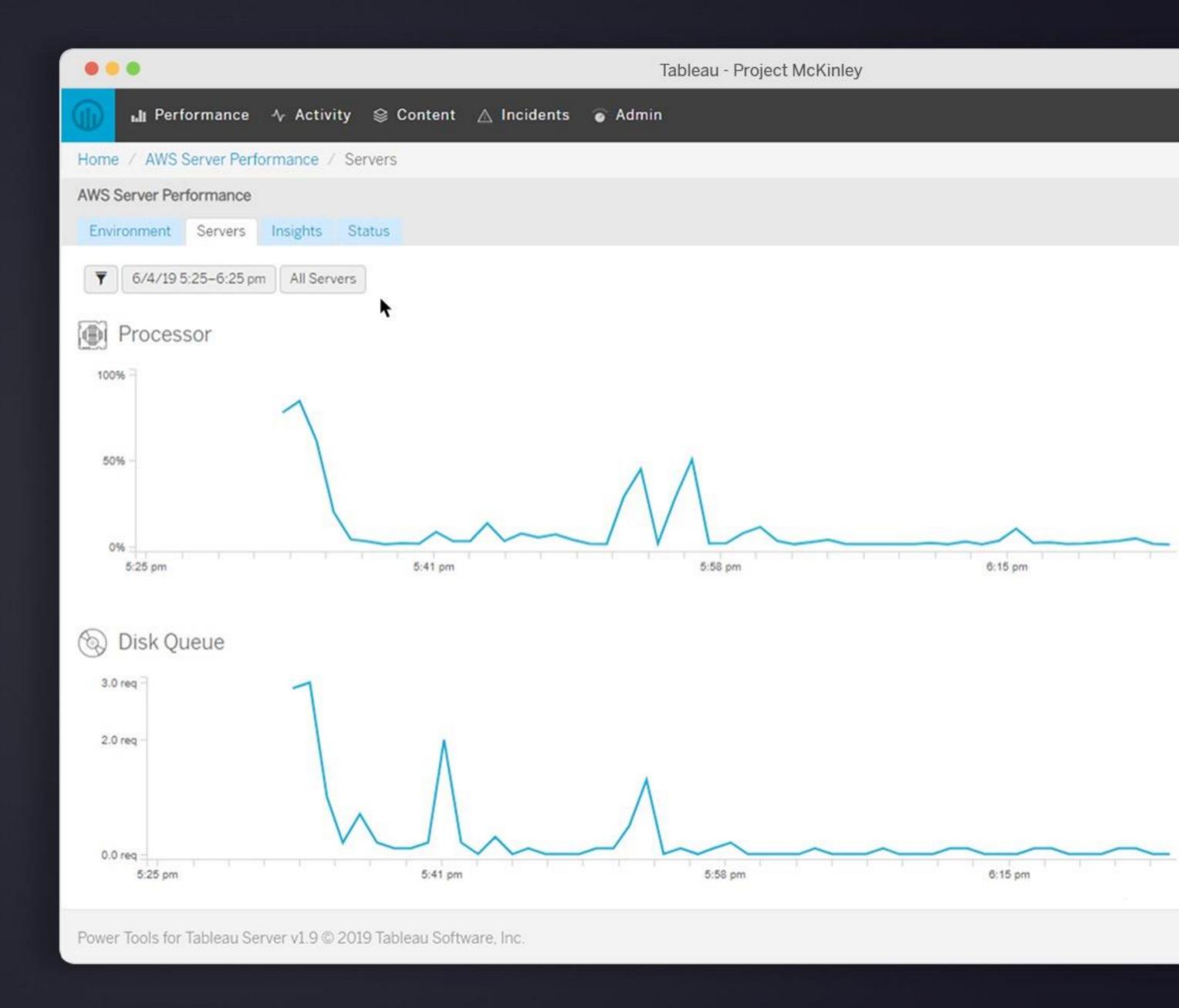
SSO Support for SAP BW

2019



# Project McKinley

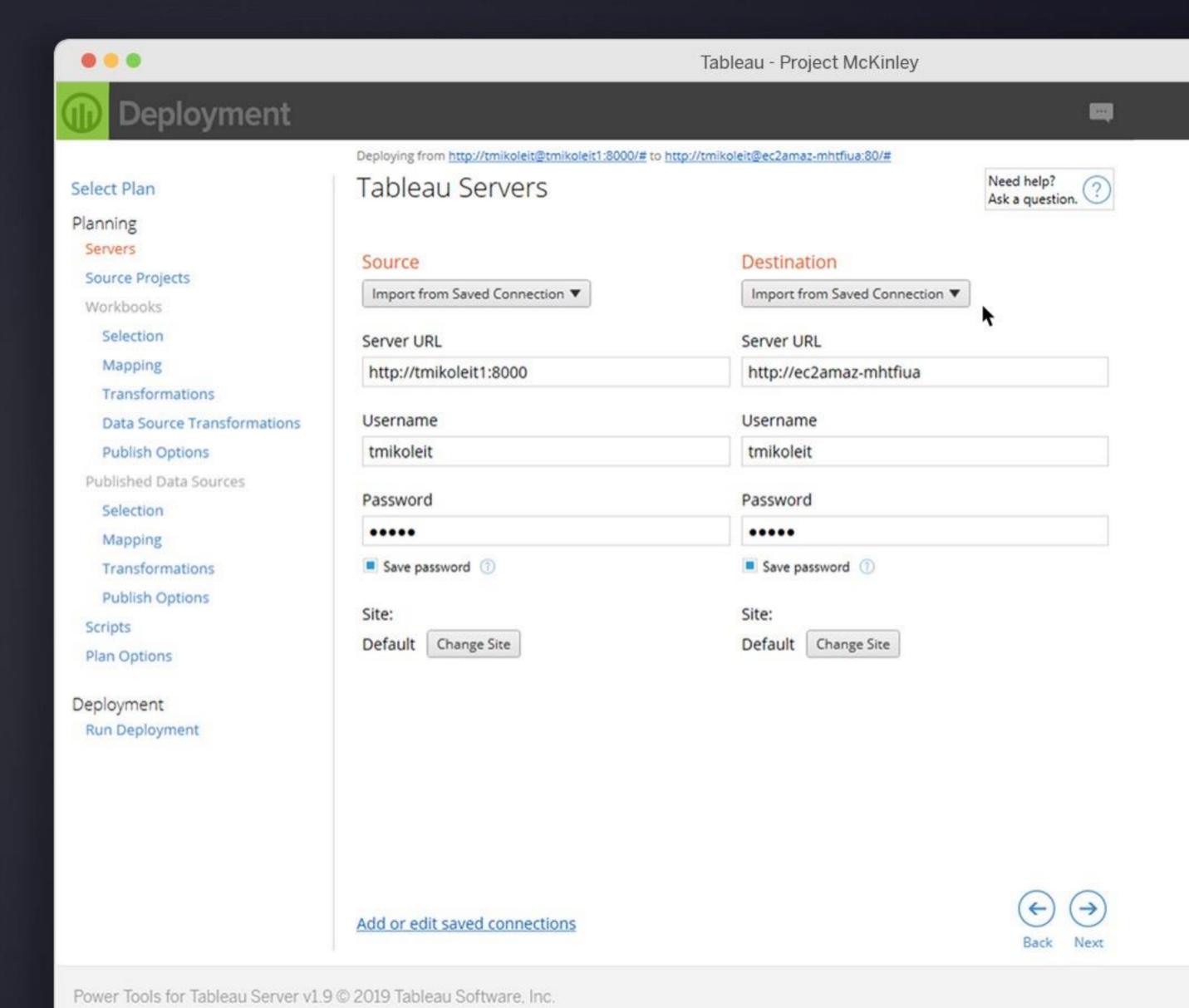
Improved scalability



## Project McKinley

Improved scalability

Increased operational efficiency

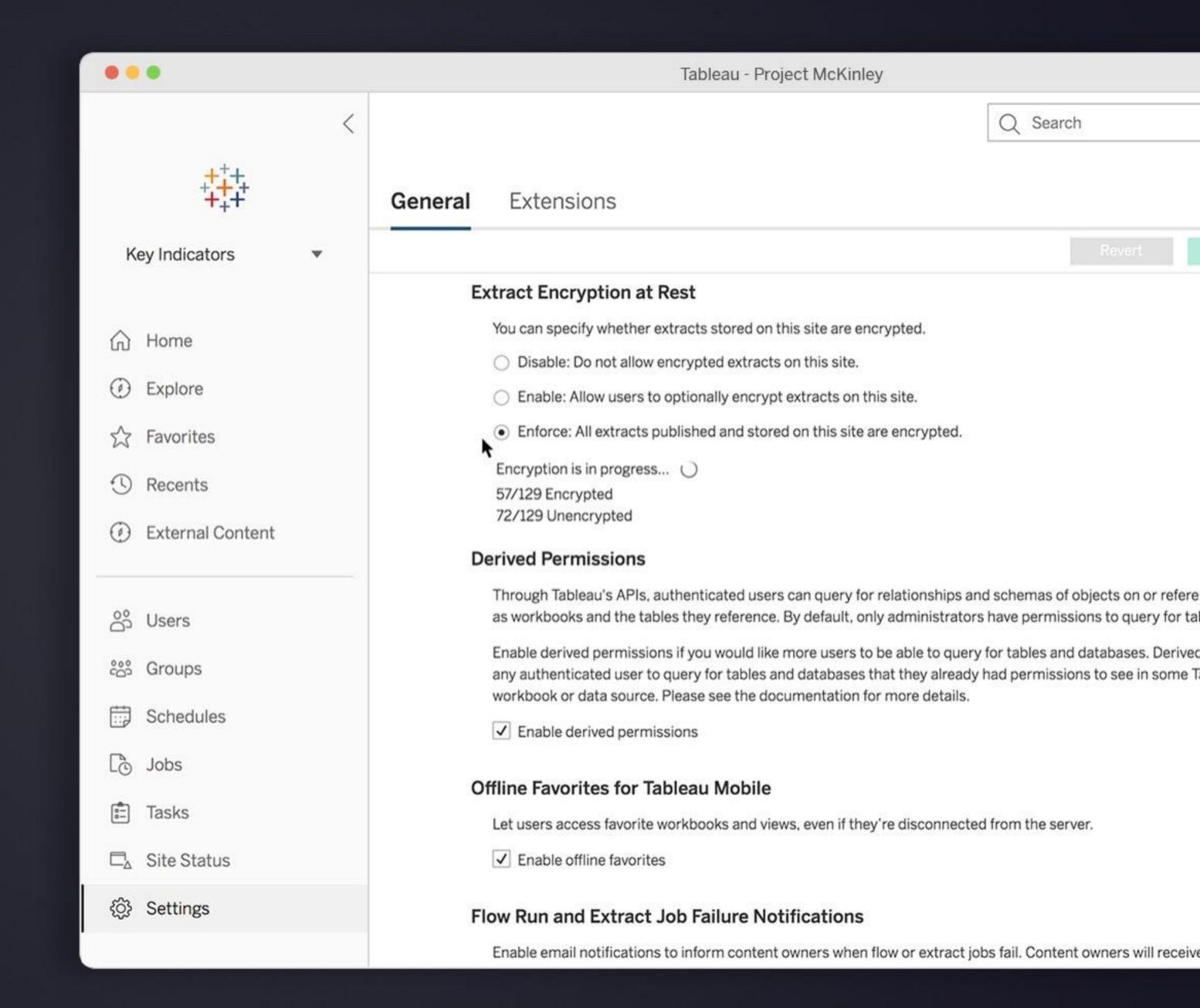


## Project McKinley

Improved scalability

Increased operational efficiency

**Enhanced security** 

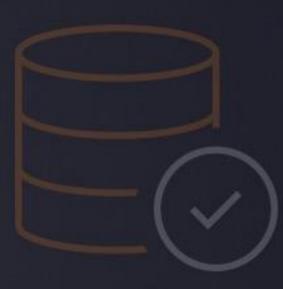








At Scale



**Trusted Data** 

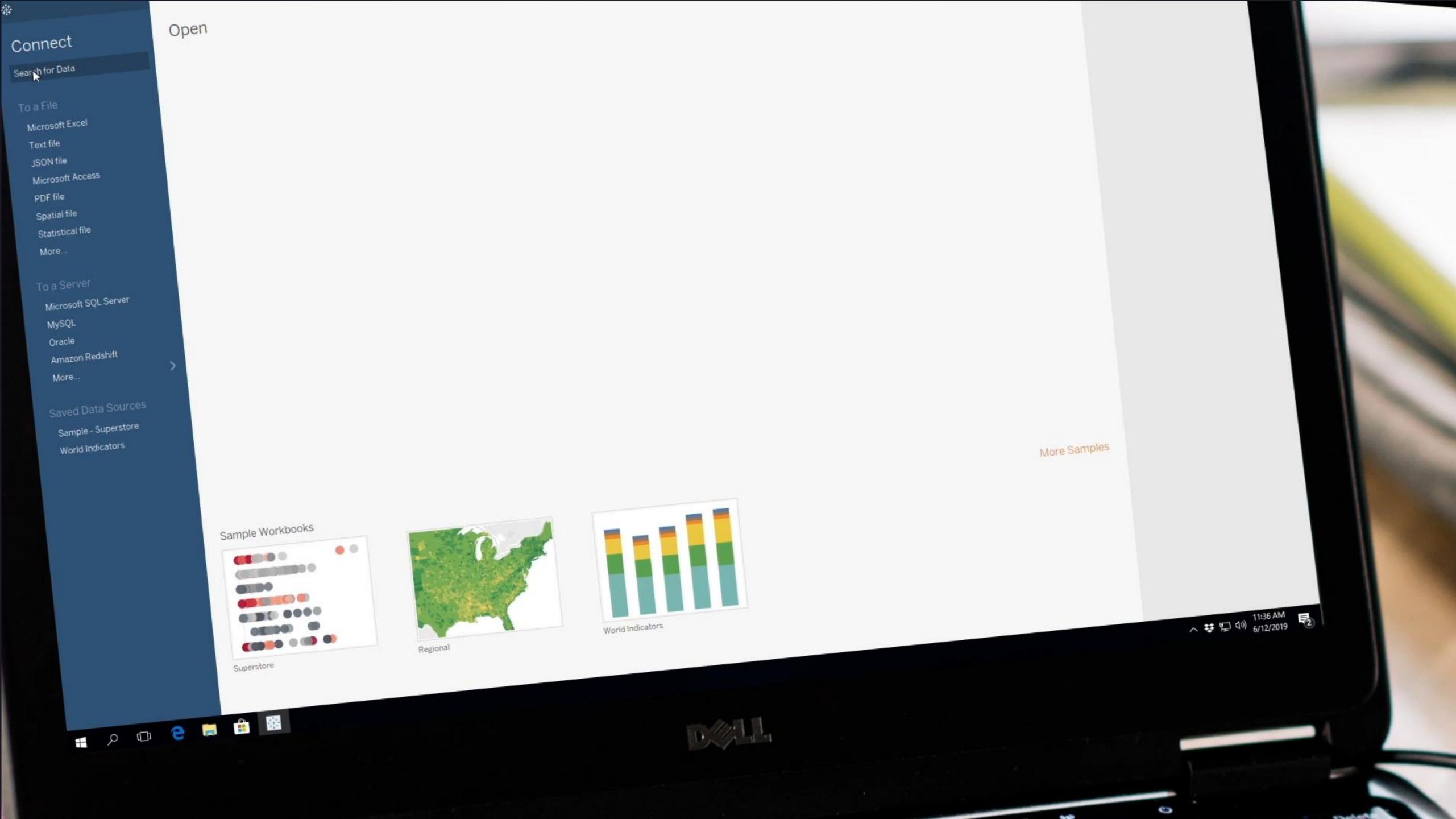


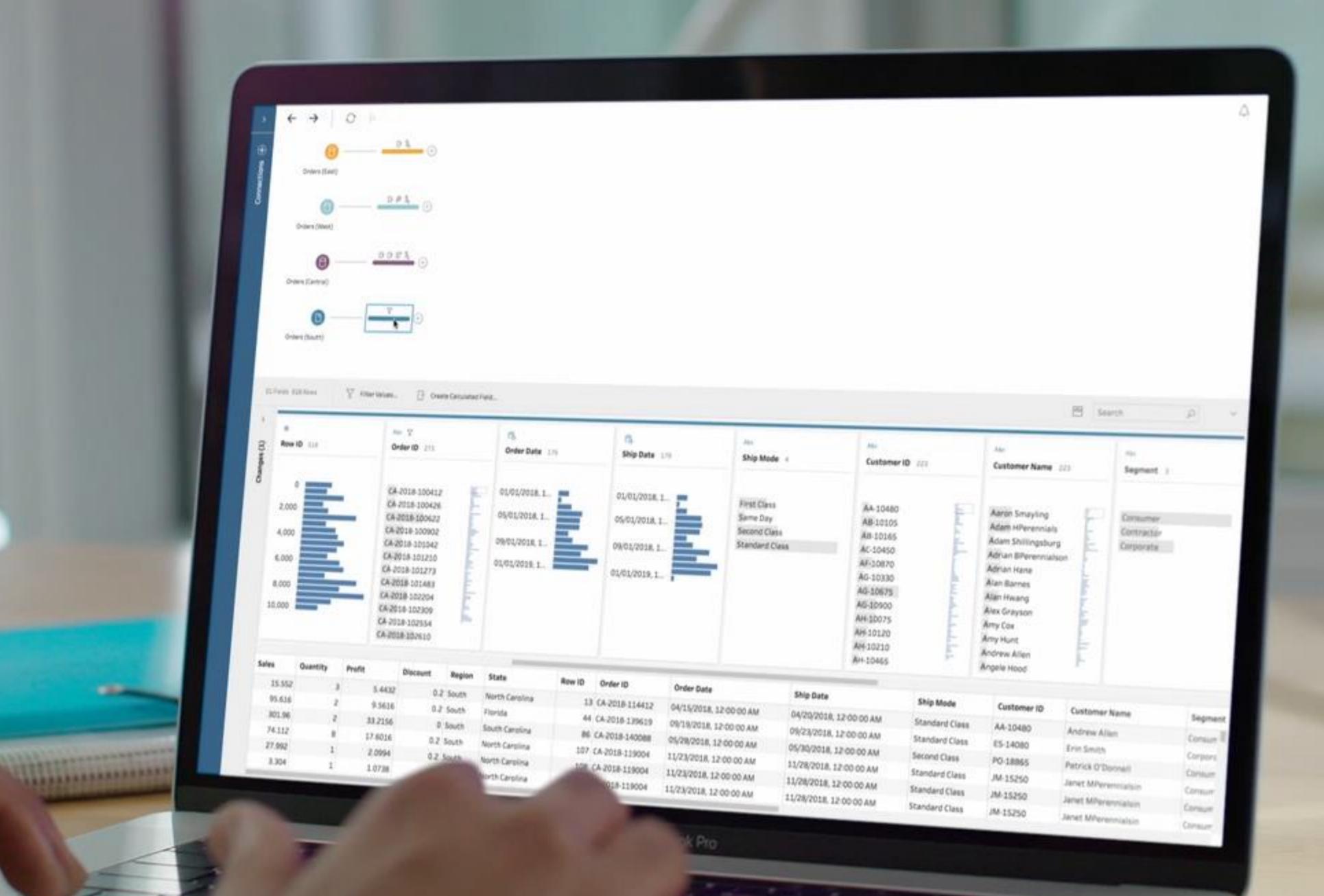


At Scale



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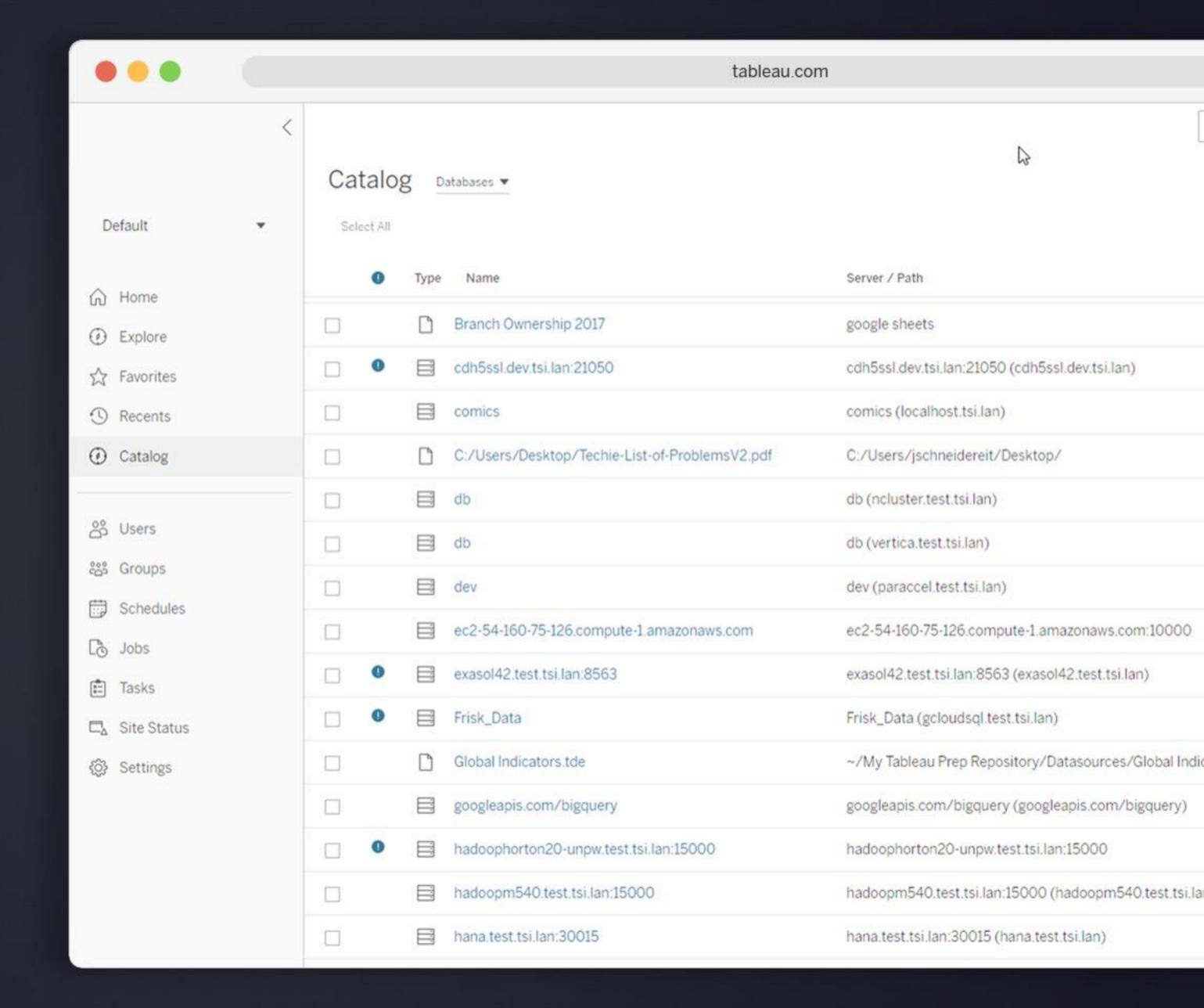






# Tableau Catalog

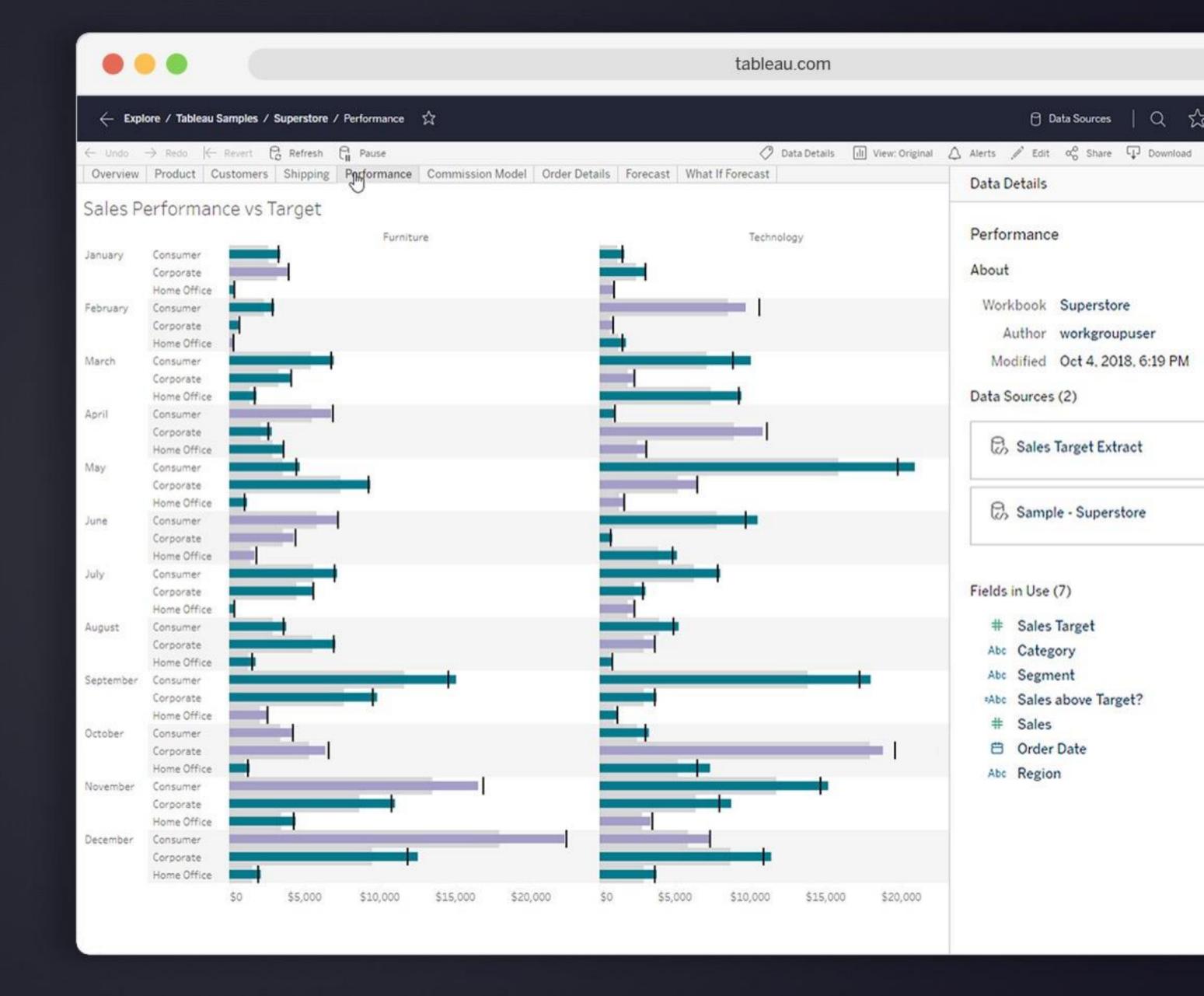
Visibility



# Tableau Catalog

Visibility

Trust

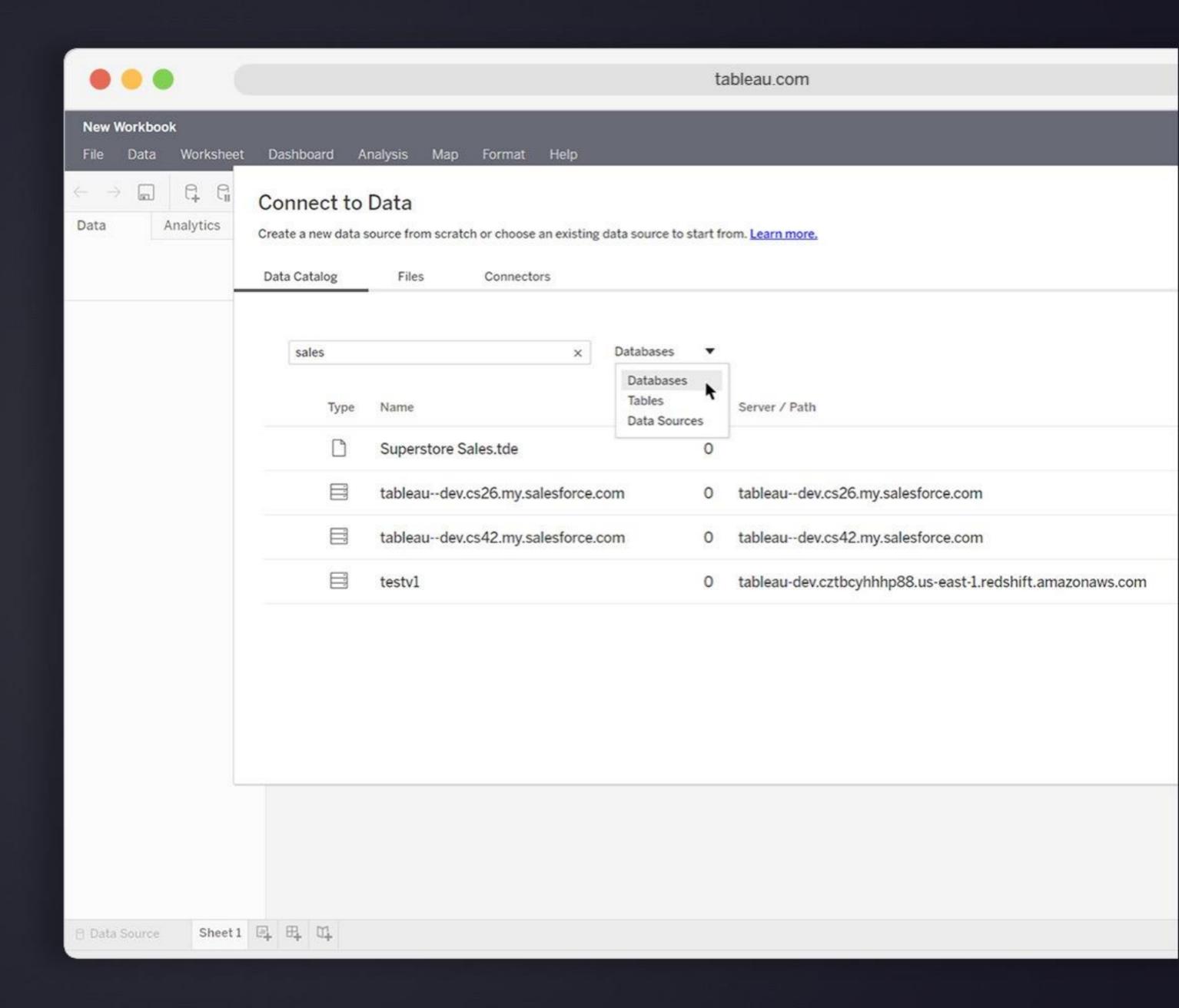


# Tableau Catalog

Visibility

Trust

Discovery





# 共主 + a b l e d u



Ask Data

Explain Data



#### At Scale

**Project McKinley** 

**Encryption at Rest** 



#### **Trusted Data**

Prep Builder

**Prep Conductor** 

# Tableau 2019.3 – Coming soon!



For Everyone

Ask Data

**Explain Data** 



At Scale

**Project McKinley** 

**Encryption at Rest** 



**Trusted Data** 

Prep Builder

**Prep Conductor** 

