

TABLEAU

MENUS AND TOOLBAR

- Data Pane
- Analytics Pane
- Sheet Tabs
- Shelves and Cards
- Marks Card
- Legends
- Layout for Dashboards & Stories

DISTRIBUTING AND PUBLISHING

- Ways to Share
- Exporting Images and PDFs
- Workbook File Types
- Opening Workbook Files
- Sharing Securely

GETTING STARTED WITH DATA

CONNECTING TO AN EXCEL FILE

- The Data Source Page
- Adding Another Data Source
- Live versus Extract
- Bringing in More Data with Joins

MANAGING METADATA

- Editing Metadata
- Editing Data Connections

MANAGING EXTRACTS

CREATING EXTRACTS

- Using Extracts
- Refreshing Extracts
- Changing Data Sources

SAVING AND PUBLISHING DATA SOURCES

SAVING DATA SOURCES

- Why Publish Data Sources?
- Publishing a Data Source
- Publishing Extracts to Tableau Online
- Editing a Published Data Source
- A Note on File Types

DATA PREP WITH TEXT AND EXCEL FILES

- Join Types with Union
- Cross-database Joins
- Data from different sources
- Cross-database joins
- Using Integrated Data Sources

DATA BLENDING

- What is Data Blending
- The Blend Relationship
- How to Blend
- Swapping Primary and Secondary Data Sources

ADDITIONAL DATA BLENDING TOPICS

- Data Blending and Calculations
- Working with Aggregated Data in Calculations
- Working with Null values
- Asterisks when Blending
- Asterisks Solution

CONNECTING TO PDFS

- Connecting to PDF data tables
- Union
- Cleaning up imperfect tables
- Dealing with null values
- Fixing headers and pivoting
- Realiasing members of a field
- Recreating Groups and Hierarchies
- Tips on working with PDFs

- CONNECTING TO CUBES

- Introduction to Cubes
- Differences vs Relational Data Sources
- KPIs
- Grouping
- Connecting
- Hierarchies and Filters
- Continuous Date Filters
- Sets for Non-Hierarchical Quick Filters

VISUAL ANALYTICS

GETTING STARTED WITH VISUAL ANALYTICS

- Working with Marks
- Changing Mark Types
- Aggregation & Number of Marks
- Building the View
- Level of Detail
- Highlighting
- Show Me

DRILL DOWN AND HIERARCHIES

- Hierarchy Drill Down
- Drill Down to Data
- Building Hierarchies
- Working With Hierarchies
- Date Hierarchies

SORTING

- Ways to Sort
- Sorting from the Pill
- Clearing Sorts
- Nested Sorts

GROUPING

- Grouping
- Grouping from the Header
- Grouping from the Data Pane
- Using a Grouped Field
- Grouping Marks - Visual Grouping

ADDITIONAL WAYS TO GROUP

- Using Calculations to Create Groups
- Parameterized Calculated Groups
- Creating and Using Bins

CREATING SETS

- Sets
- Creating Sets from Marks
- Creating Sets from a Computation
- Combining Sets

WORKING WITH SETS

- Editing Sets
- IN/OUT versus Members
- Sets and Filters
- Sets in Hierarchies and Calculations

SET ACTIONS

- Building set actions
- Relative dates

WAYS TO FILTER

- Ways to Filter
- Removing Filters
- More Information

USING THE FILTER SHELF

- Pill Types and Filtering
- Filtering Dimensions
- Filtering Measures or Continuous Dimensions
- Filtering Continuous Dates

INTERACTIVE FILTERS

- Basic Interactive Filters
- Layout Mode for Interactive Filters
- Cascading Interactive Filters

WHERE TABLEAU FILTERS

- Summary/Aggregate Filtering
- Record Level Filtering
- Data Source Filtering

ADDITIONAL FILTERING TOPICS

- Context Filters
- Apply to Worksheets
- What Field to Filter On
- Filter Order of Operations
- Performance and Filter Queries

PARAMETERS

- What is a Parameter
- Using Parameters
- Parameters with Filters
- Parameters with Sets
- Parameters with Calculated Fields
- Parameters with Reference Lines
- Parameter Types

PARAMETER ACTIONS

- Define Parameter Actions
- Interact with Marks on a Viz
- Affect Parameter Values
- Drive Reference Lines and Calculations
- Aggregate Selected Marks

FORMATTING

- Marks Card Options
- Labels
- Annotations
- Tooltips
- Formatting Specific Parts of the View
- Editing and Formatting Axes
- Map Layers

THE FORMATTING PANE

- Formatting Menu
- The Format Pane Settings
- Font
- Alignment
- Shading
- Borders
- Lines
- Copy & Paste Formatting
- Workbook Level Formatting

BASIC TOOLTIPS

- Storytelling with tooltips
- Tooltip selection
- Command Buttons
- Actions from tooltips
- Conditional tooltips

VIZ IN TOOLTIP

- Viz in Tooltip
- Size of the Target Viz
- Modifying the Tooltip
- Filtering
- Tips for Viz in Tooltip

TREND LINES

- Adding Trend Lines
- Trend Line Options
- Trend Line Significance
- Residuals

REFERENCE LINES

- Adding a Reference Line
- Reference Line Options
- Formatting Reference Lines
- Lines, Bands, Distributions, Boxes
- Reference Bands
- Reference Distributions
- Box Plots
- Drop Lines

FORECASTING

- Creating a Forecast
- Forecast Options
- Describing the Forecast
- Constraints on Forecasting in Tableau
- Forecast Fields

CLUSTERING

- k-means Cluster Analysis
- Using Clustering in Tableau
- Working with Clusters
- Conditions for Clustering

ANALYSIS WITH CUBES AND MDX

- MDX
- Creating a Calculated Member for Grouping
- Cohort Calculations

DASHBOARDS AND STORIES

GETTING STARTED WITH DASHBOARDS AND STORIES

- Dashboards and Stories
- Working with Views in Dashboards and Stories
- Working with Sheets

BUILDING A DASHBOARD

- Dashboard Size
- Adding Views to a Dashboard
- Adding Objects to a Dashboard
- Fitting Sheets
- Legends and Quick Filters
- Filters on Dashboards

DASHBOARD OBJECTS

- Tiled and Floating Layouts
- Floating Objects
- Images and Web Pages
- Layout Containers

DASHBOARD FORMATTING

- Titles and Dynamic Values
- Formatting Fonts
- Shading
- Dashboard Spacing

DASHBOARD INTERACTIVITY USING ACTIONS

- Actions
- Highlight Actions
- Filter Actions
- URL Actions
- Using Field Names in URLs and Names

DASHBOARD EXTENSIONS

- Using Dashboard Extensions
- Working with Extensions
- Managing Extensions
- Developing Extensions with the API

DEVICE DESIGNER

- The Default Layout
- Adding a Device Layout
- Customizing Layouts
- Adding Content
- Adding More Device Layouts

STORY POINTS

- What Are Story Points
- Creating a New Story
- Updating a Point
- Creating Additional Points
- Fitting Visualizations in Stories
- Updating the Underlying Sheet
- Rearranging Content
- Annotating with Descriptions

MAPPING

GETTING STARTED WITH MAPPING

- Coordinate Points
- Plotting Latitude and Longitude
- Custom Geocoding
- Polygon Maps
- WMS and Background Images

MAPS IN TABLEAU

- Geographic Roles
- Plotting Geographic Data
- Symbol and Filled Maps
- Map Layers & Options

EDITING UNRECOGNIZED LOCATIONS

- Ambiguous Geographic Data
- Editing Locations

SPATIAL FILES

- Spatial Files
- Connecting to Spatial Files
- Working with the Geometry field
- Working with Additional Data
- Joining Data

THE DENSITY MARK TYPE (HEAT MAPS)

- Density Mark on a Map
- Density Mark on a Scatterplot
- Changes over time

EXPANDING TABLEAU'S MAPPING CAPABILITIES

- Joining or Blending Geocoded Data
- Polygon Maps
- Custom Geocoding
- Importing Custom Geocoding

CUSTOM GEOCODING

- Creating a Custom Geocoding Import File
- Extending an Existing Role
- Adding New Roles
- Adding New Hierarchies
- Importing the Folder
- Sharing and Saving Custom Geocoding
- Geocoded Data vs Custom Geocoding

POLYGON MAPS

- Filled Maps
- Custom Territories
- Custom Polygon Maps
- Required Data for Polygon Maps
- Building a Polygon Map
- Analysis with Custom Polygon Maps

MAPBOX INTEGRATION

- Mapbox in Tableau
- Mapbox GL
- Mapbox Classic
- Changing Maps

WMS: WEB MAPPING SERVICES

- Using a WMS connection
- Tableau Map Source Files

BACKGROUND IMAGES

- Adding an Image
- Generating Coordinates from the Image
- Plotting Points on the Image

CALCULATIONS

GETTING STARTED WITH CALCULATIONS

- Types of Calculation Functions
- Calculations in Tableau
- In-Shelf Calculations
- Brief Introduction to Table Calculations
- Quick Table Calculations

CALCULATION SYNTAX

Dissect a simple calculation to see what the various aspects of calculation syntax are in Tableau.

INTRO TO TABLE CALCULATIONS

- Example and Definition
- Field Set
- Quick Table Calculations
- Manual Table Calculations

MODIFYING TABLE CALCULATIONS

- Editing the Table Calculation
- Compute Using
- Referencing Specific Dimensions

INTRODUCTION TO LOD EXPRESSIONS

- Average Profit
- Using an LOD Expression
- Comparison of Average Profits
- LOD Expression Syntax
- FIXED and INCLUDE

AGGREGATE CALCULATIONS

- AGG Calculations
- Attribute Aggregation
- Aggregated versus Record Level Calculations

DATE CALCULATIONS

- Calculate Time Between Dates
- Creating Tableau Dates

LOGIC CALCULATIONS

- Performance Indicator with Parameter
- Logical Conditional Filter

STRING CALCULATIONS

- String Parameters
- Splitting Strings

NUMBER CALCULATIONS

- Data Validation - Nulls to Zeros
- Difference from Quota

TYPE CALCULATIONS

- Data Validation - Check Length
- Rounding Down

CONCEPTUAL TOPICS WITH LOD EXPRESSIONS

- Syntax
- Dimension or Measure
- LOD Expressions and Filtering

AGGREGATION AND REPLICATION WITH LOD EXPRESSIONS

- Aggregation or Replication of Results
- FIXED - Aggregated Results
- FIXED - Replicated Results
- FIXED - Disjoint Results
- INCLUDE
- EXCLUDE

NESTED LOD EXPRESSIONS

- Nested LOD Expressions
- Context of Nested Expressions

HOW TO INTEGRATE R AND TABLEAU

- Overview
- Necessary Installations & Setup
- Publishing Workbooks with an Rserve Connection
- Installing Packages and Calling Libraries

USING R WITHIN TABLEAU

- Writing R in Tableau
- Outlier Analysis
- Cluster Analysis

WHY IS TABLEAU DOING THAT?

UNDERSTANDING PILL TYPES

- Why Pill Type Matters
- Dimensions and Measures
- Continuous and Discrete
- Changing Default Pill Types
- Axis vs Label
- Color and Maps
- Date Types
- Filtering

MEASURE NAMES AND MEASURE VALUES

- Text Table
- A Shortcut
- Other Chart Types
- Measure Names as Field Labels

AGGREGATION, GRANULARITY, AND RATIO CALCULATIONS

- Aggregation and Granularity
- The Detail Shelf
- Aggregation in Calculations
- Profit Ratio Calculation
- Summary

WHEN TO BLEND AND WHEN TO JOIN

- One-to-many relationships
- Joins inflating the number of rows
- Benefits of each

FILTERING FOR TOP ACROSS PANES

- Filtering for the Top 10
- Top 10 Using INDEX()
- Top 10 Using RANK

HOW TO

USING A PARAMETER TO CHANGE FIELDS

- Overview
- Creating the Parameter
- Creating the Calculated Field
- Building the View

FINDING THE SECOND PURCHASE DATE WITH LOD EXPRESSIONS

- Intro
- Breaking Apart the Question
- First Order Date
- Second Order Date
- Comparing Dates
- Repeat Purchasing
- Final Analysis

CLEANING DATA BY BULK RE-ALIASING

- Setting up the Data Blend
- Create Primary Group
- Edit Primary Aliases

BOLLINGER BANDS

- What are Bollinger Bands?
- Building Bollinger Band Parameters
- Building Bollinger Band Calculations
- Building the View
- Summary of Steps

BUMP CHARTS

- What is a Bump Chart?
- Building a Bump Chart

CONTROL CHARTS

- What is a Control Chart?
- Building a Control Chart – the calculations
- Building a Control Chart – the view
- Summary of Steps

FUNNEL CHARTS

- What is a Funnel Chart?
- Building a Basic Funnel Chart
- Building a Smooth Funnel Chart

STEP AND JUMP LINES

- Line Graphs
- Step and Jump Lines

PARETO CHARTS

- What is a Pareto Chart?
- Building a Pareto Chart - the line
- Building a Pareto Chart - the bar
- Building a Pareto Chart - the reference lines
- Summary of Steps

WATERFALL CHARTS

- What is a Waterfall Chart?
- Building a Waterfall Chart
- Summary of Steps

PUBLISH TO TABLEAU ONLINE

PUBLISHING TO TABLEAU ONLINE

- How to Publish a Workbook
- Sharing Published Workbooks

- **DEVICE DESIGNER**
 - The Default Layout
 - Adding a Device Layout
 - Customizing Layouts
 - Adding Content
 - Adding More Device Layouts

INTRODUCTION TO THE TABLEAU JAVASCRIPT API

Introduction to the Tableau JavaScript API covering when and why to use. At the end of the 3 VIDEOS

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INTRODUCTION TO THE TABLEAU JAVASCRIPT API

Introduction to the Tableau JavaScript API covering when and why to use. At the end of the video you will have a high-level understanding of how it works and be able to start using it in your own applications.

COLLABORATE WITH TABLEAU ONLINE

GETTING STARTED WITH TABLEAU ONLINE

- Logging In
- Projects
- Workbooks
- Views
- Searching Content
- Data Sources
- Sites
- Account Settings Page

• INTERACTING WITH CONTENT ON TABLEAU ONLINE (EXPLORER)

- Drill Down & Actions
- View Underlying Data
- Custom Views
- Comments
- Download & Export
- Sharing
- Subscriptions
- Alerts
- Favorites

• WEB AUTHORING

- Web Editing
- Saving
- Using Published Data Sources

• DATA DRIVEN ALERTS

- Setting up an alert on a published workbook
- Refining the alert
- Managing alerts
- Stacked bars
- Building views for alerting

• ASK DATA

- Asking Questions
- Aggregation and Grouping
- Filtering and Limits
- Specifying a Viz Type
- Synonyms
- Asking Complex Questions

TABLEAU MOBILE

- Locating Content
- Favorites
- Interactive Previews
- Live Views
- Linking

COLLABORATE WITH TABLEAU SERVER

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ADMIN

Do you manage a Tableau deployment, either on-premises or in the cloud? If you're responsible for security, governance, or administration of your organization's deployment of Tableau, these are the videos for you.

MANAGE TABLEAU ONLINE

TABLEAU ONLINE ADMINISTRATIVE OVERVIEW

- Sites
- Users and Groups
- Schedules
- Tasks
- Status
- Settings
- Alerts

THE TABLEAU BRIDGE

- Tableau Bridge Requirements
- Setting up the Bridge Client
- Using the Bridge Client for Live Connections

TABCMD: TABLEAU COMMAND LINE UTILITY

- Installing Tabcmd
- Running Tabcmd
- Tabcmd Commands
- User Import via CSV File
- Creating a Group and Adding Users
- Exporting a PDF from Tableau Online

SECURITY WITH TABLEAU ONLINE

PERMISSIONS

- Permissions & Site Roles
- Groups & Users
- Projects & Project Permissions
- Assigning Permissions
- Adding a Group Rule
- Editing Permissions
- Web Edit & Save/Save As
- Locking Permissions to the Project

DATA SECURITY WITH USER FILTERS

- Tableau Approach to Data Security
- User Filters - Tableau Only
- User Filters - Hybrid

DEPLOY AND MANAGE TABLEAU SERVER

TABLEAU SERVER ADMINISTRATIVE OVERVIEW

- Sites
- Users & Groups
- Schedules
- Tasks
- Status
- Settings
- Alerts

INSTALLING AND CONFIGURING TABLEAU SERVER

Walk through initial installation options for Tableau Server.

UNDERSTANDING SCHEDULES

- Assigning an Extract to an Extract Schedule
- Subscription Schedules
- Creating New Schedules
- Best Practices

TSM: TABLEAU SERVICES MANAGER

- In the Browser
- Status
- Maintenance
- Configuration
- GUI and CLI
- Backups with TSM
- Upgrading Tableau Server with TSM

TABCMD: TABLEAU COMMAND LINE UTILITY

- Installing Tabcmd
- Running Tabcmd
- Tabcmd Commands
- User Import via CSV File
- Creating a Group and Adding Users
- Exporting a PDF from Tableau Online

UPGRADING TO TABLEAU SERVER WITH TSM

- Creating a Server Backup
- Uninstalling Tableau Server 2018.1
- Installing Tableau Server 2019.1
- Generating a Bootstrap File
- Running the Upgrade Script
- Starting Tableau Server
- Applying a Custom Logo

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