



Data Visualization and Analytics with Tableau

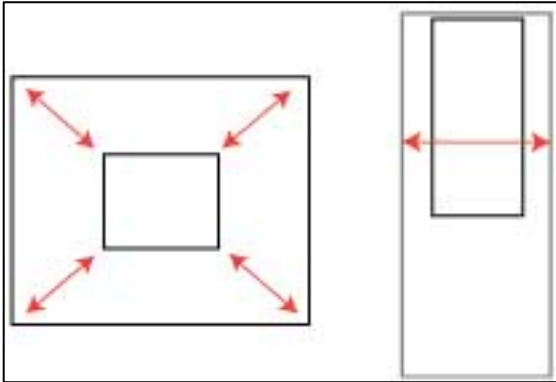
PART 5: Build Dashboards

- After creating visualizations in worksheets, combine into dashboard(s), added interactively and more.
- Creating a dashboard is like creating a new worksheet that can tell a story using different visualizations and parameters.
- There are many different objects that can be added into a dashboard

Sheets	The visualizations created earlier that will be combine with other sheets.
Filters/Parameters	Filters and parameters that interact and change visualizations according to the view specified by the user can be added on the dashboard that works on multiple visualizations from different sheets.
Legends	Legend table connected to a visualization added together with the visualizations in a dashboard.
Titles/Captions	Titles and captions added and format to the user's specified modified titles and captions that better explain the current visualizations or diagram.
Text	Adding additional text outside of the charts/sheets, use mainly to explain or give additional information regarding the entire dashboard or a certain visualization.
Images	Adding images from either a file or URL
Webpages	Adding connection to a webpage that allows the user to interact with the webpage, provided the tableau dashboard is viewed on a platform with connectivity to internet.
Button	Adding a button for navigation to select sheets or dashboard page within the file.
Extensions	Extensions are web applications that can interact with worksheets and data in Tableau, having a custom extension to add new capabilities to the dashboard. This can be downloadable from the Extension Gallery.

PART 5: Size, Layout and Formatting

Dashboard size options



Setting dashboard size

Size

Laptop Browser (800 x 600) ▾

Fixed size ▾

Laptop Browser (800 ... ▾

Width Height

800 px 600 px

Layout container

Objects

Horizontal Web Page

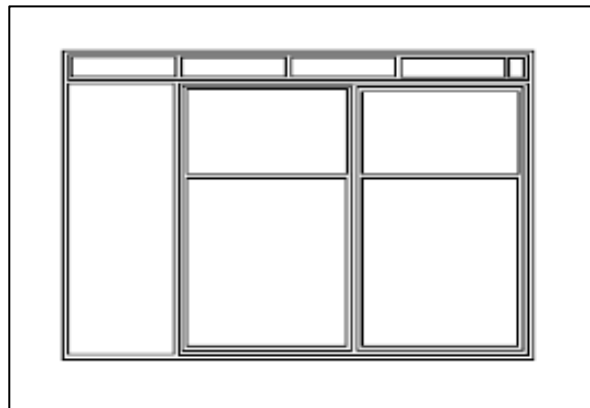
Vertical Blank

A Text Button

Image

Tiled Floating

Tiled vs floating objects



Formatting

Format	Server	Window	He
Dashboard...			
Story...			
Workbook...			
A Font...			
≡ Alignment...			
🎨 Shading...			
📐 Borders...			
≡ Lines...			
Animations...			
Reference Lines...			
Drop Lines...			
Annotations...			
Title and Caption...			
Field Labels...			
Legends...			
Filters...			
Highlighters...			
Parameters...			
Cell Size			▶
Workbook Theme			▶
Copy Formatting			
Paste Formatting			
Clear Worksheet Formatting			

PART 5: Build Dashboards

DashboardLayout

DefaultPhoneDevice Preview

Sizemin 1000x620 - auto

Sheets

Total SalesSale MapSales by SegmentSales by Product

Objects

HorizontalBlank

VerticalNavigation

TextDownload

ImageExtension

Web Page

TiledFloating

Show dashboard title

Executive Overview - Profitability (All)

Sales\$2,297,201Profit\$286,397Profit Ratio12.5%Profit per Order\$57.18Sales per Customer\$2,896.85Avg. Discount15.62%Quantity37,873

Region(All)Order Date3/1/201730/12/2020Profit Ratio-21.7%37.0%Profit Ratio-50.0%50.0%

Monthly Sales by Segment - States: All

ConsumerCorporateHome Office

Monthly Sales by Product Category - States: All

FurnitureOffice SuppliesTechnology

DashboardLayout

Selected itemSale Map

Show titleFloating

Positionx7y124Sizew1,038h337

BorderNone

BackgroundNone

Outer Padding4444

Inner Padding0000

Item hierarchyOverview

Tiled

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