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**Quiz**

1 / 3

What is the acronym  
of ETL

Extract, Transfrom and Launch

Extract, Transfer and Load

Extract, Transform and Load

Expect , Transform and Load

Complete and Continue >



&lt;

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Quiz

1 / 3

Would data  
visualization generate  
useful insights for an  
organization?

Yes

No

May be



&lt;

&gt;

Python Launcher

Anaconda-Navigator

Google Chrome

ZOOM.US

MVS

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Quiz

1 / 3

Which of these below  
is not a tableau tool ?

Tableau Mobile

Tableau Online

Tableau Desktop

Tableau Laptop

Complete and Continue >



&lt;

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Quiz

1 / 3

What is the Acronym  
of SQL?

Structure Query Language

Structured Query Language

Semi Query Langauge

Structure Questions Langauge

Complete and Continue >

In which pane can you  
find the measures and  
dimensions of the data  
?

Data Pane

Analytics pane

Workbook pane

GoTO DataSource

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OK  
2014 2015 2016 2017

**Quiz**

1 / 3

What is the shape of  
the Bars in Bar chart ?

Rectangular

Square

Cylindrical

Stacked

**Complete and Continue >**

A stacked bar in Tableau is a type of bar chart that represents values in the form of \_\_\_\_\_ bars

Vertical

Horizontal

Segmented

Hierarchical

Heatmap is a representation of data in the form of a map or diagram in which data values are represented as

---

Bubbles

Lines

Colors

None of the above

**Complete and Continue >**

# **Working with Meta data**

## **=> and Data blending - 1**

Working with metadata and data blending in Tableau can help you create more accurate and meaningful visualizations.

Metadata is data about your data, such as field names, descriptions, and data types, while data blending is the process of combining data from multiple sources in a single visualization.

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## Quiz

1 / 3

which of this is not a datatype in tableau ?

Number

interger

string

datetime

Complete and Continue >

## Quiz

1 / 3

### What is metadata?

Data that is encrypted for security purposes

Data that has been compressed to save storage space

Data that describes other data

Data that has been deleted and cannot be recovered

Which of the following  
is NOT a type of  
advanced data  
manipulation in  
Tableau?

Blending data

Joins

Hierarchies

Sorting

## What is a set in Tableau?

A way to group and analyze subsets of data based on specific conditions or criteria.

A tool for filtering data based on specific conditions or criteria.

A feature for creating custom calculations.

A way to create custom groups of data points.

## What are bins in Tableau?

A way of grouping continuous data into discrete categories

A type of visualization used to show trends over time

A method for combining data from multiple sources into a single view

A technique for forecasting future trends in data

Can we merge the  
two axis in to dual axis  
?

Yes

No

may be

Formatting axes and annotations in Tableau is an important step in creating clear and effective visualizations. Axes provide context for your data, while annotations help to explain the significance of specific data points or trends

Format Axis And Annotations - 2

Sheet 3

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Complete and Continue >

## What is clustering ?

A technique used to group data based on their similarity

A way to create multiple visualizations on a single worksheet

A method for calculating summary statistics for a set of data

A process for joining data from multiple sources into a single view

## Why do we perform filtering in Tableau?

To reduce the amount of data displayed in a view

To enhance the visual appeal of a visualization

To perform calculations on data

To sort data in a particular order

## What is forecasting ?

Predicting future trends in data  
using historical data

Creating a summary of data  
based on a specific criterion

Combining data from multiple  
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Analyzing data to identify  
patterns and outliers

What are the different types of graphs available in tableau ?

point map

area map

world map

a & b

**Step 1:** To create a parameter, click on the drop-down arrow present on the top right corner of the Data pane. Select Create Parameter option from the drop-down menu.



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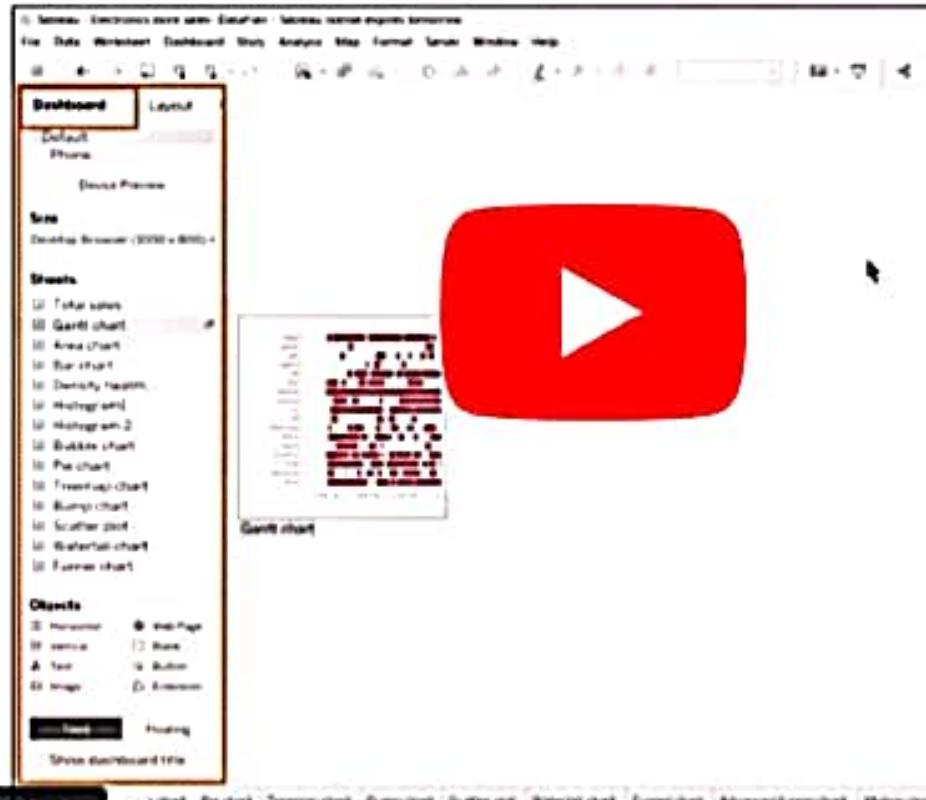


## <> DashBoard



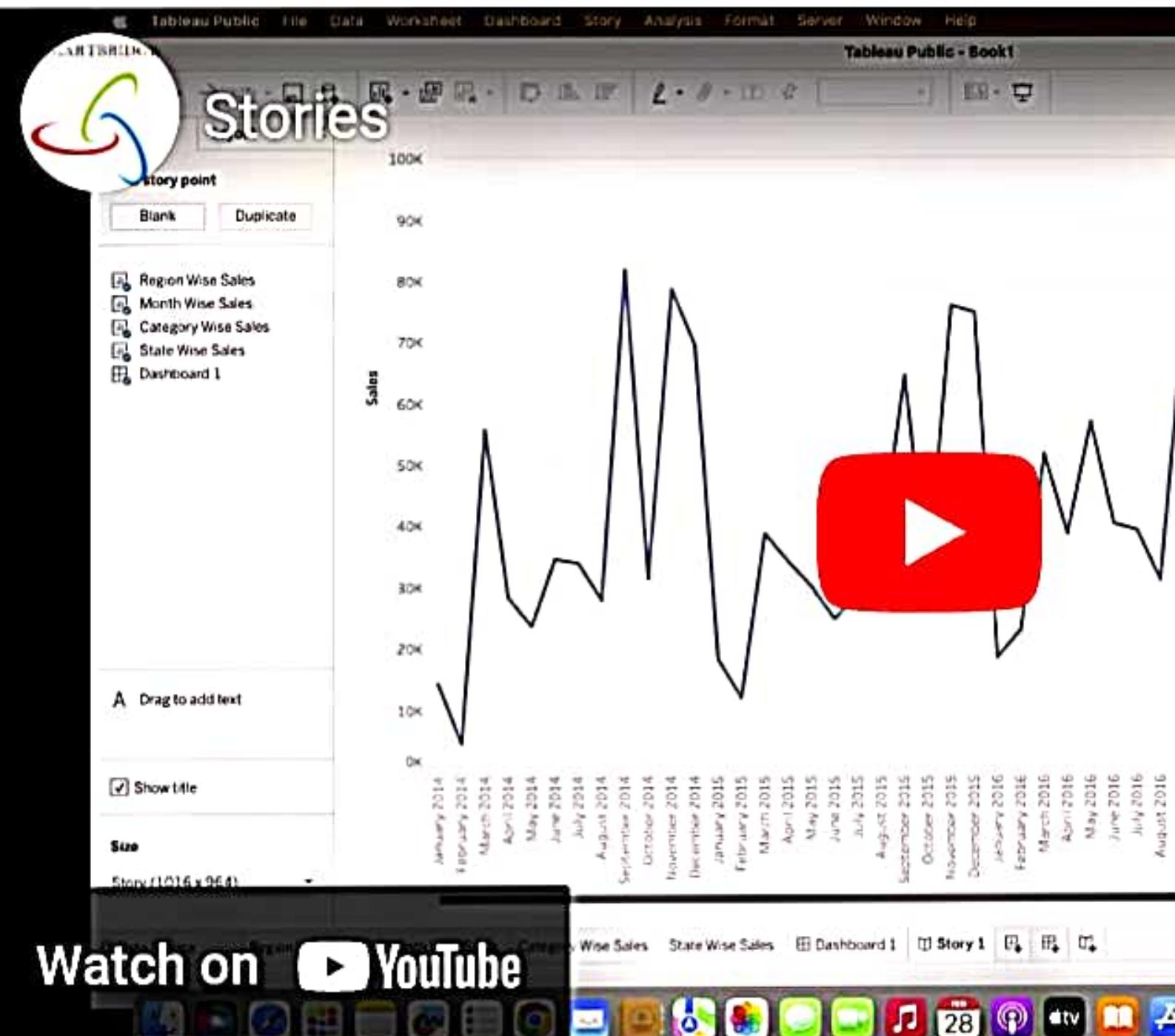
# DashBoard pane

In the window where we can create our dashboard, we get a lot of tabs and on the left, we have a *Dashboard pane* which shows the dashboard size, list of objects, etc.



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# <> Stories





# Flask

## What is Flask?

Flask is a micro web framework written in Python.

It is classified as a micro framework because it does not require particular tools or libraries. It has no database abstraction layer, validation, or any other components which pre-existing third-party libraries provide common functions



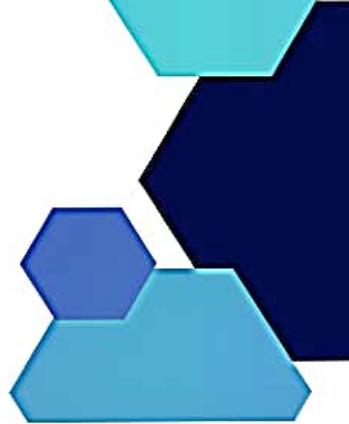
To use Flask we need to install the library

Using “`pip install flask`”

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# Data Analytics

powered by Tableau



## Data Analytics powered by Tableau

100% COMPLETE



All lessons have been completed.

### First Section

✓ 23 / 23 complete



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☒ Data Analytics

[Review](#)



☒ Introduction to Tableau

[Review](#)



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Bench

[Review](#)



☒ Architecture For  
Tableau

[Review](#)



☒ Data visualization 1

[Review](#)



Ex Sort hierarchical Data

Review



Format Axis And Annotations - 1

Review



Format Axis And Annotations - 2

Review



Clustering

Review



Filtering

Review



Forecasting Trend

Review



Maps in Tableau

Review



Parameter

Review



Dashboard

Review



Stories

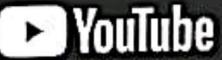
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Flask

Review

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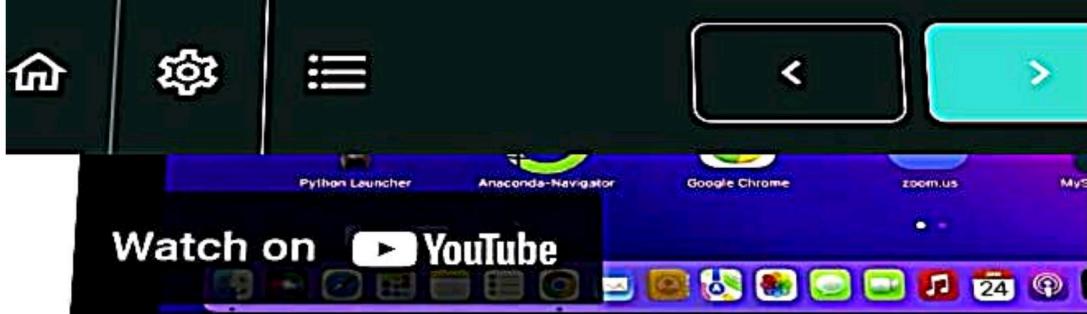
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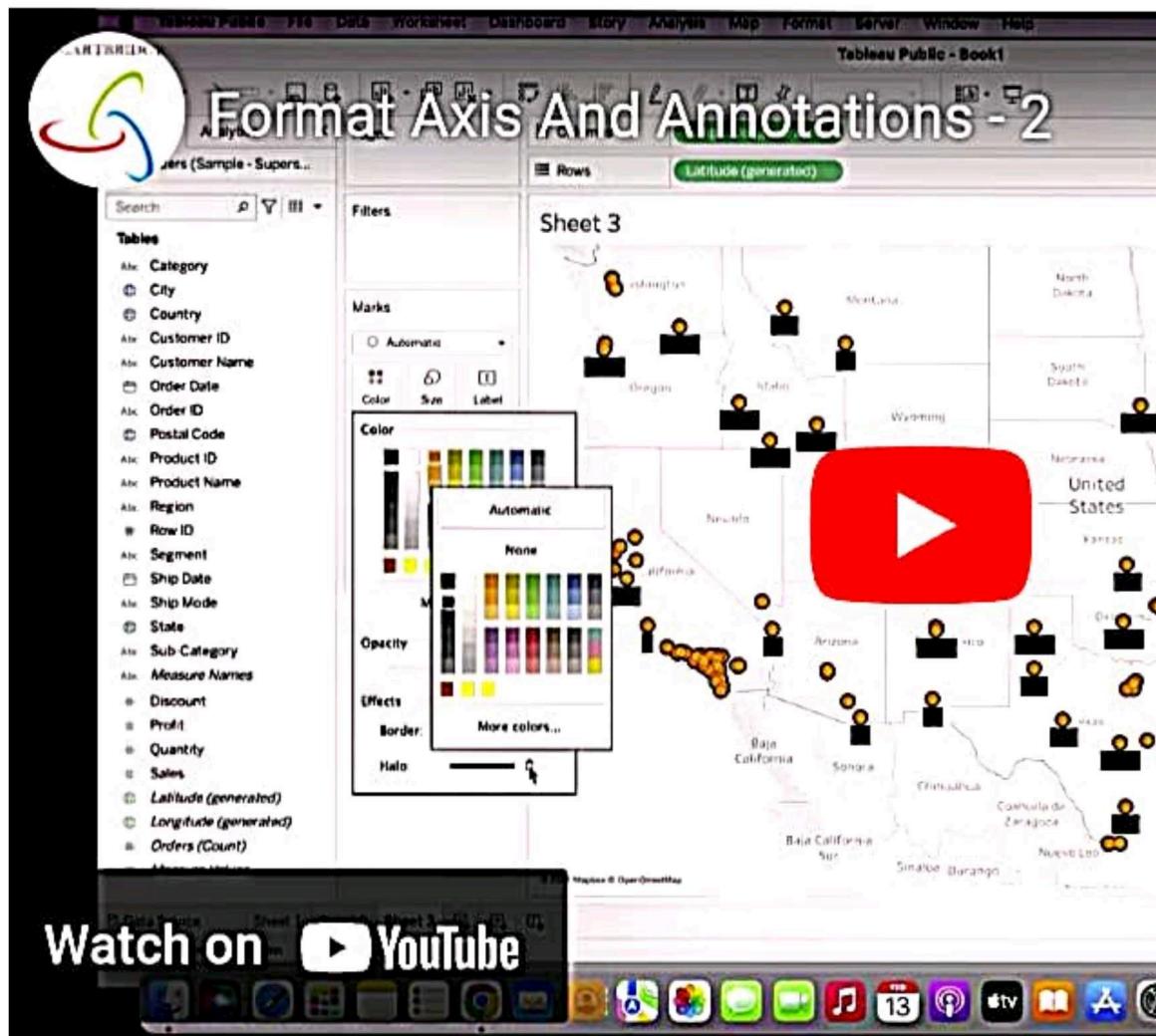
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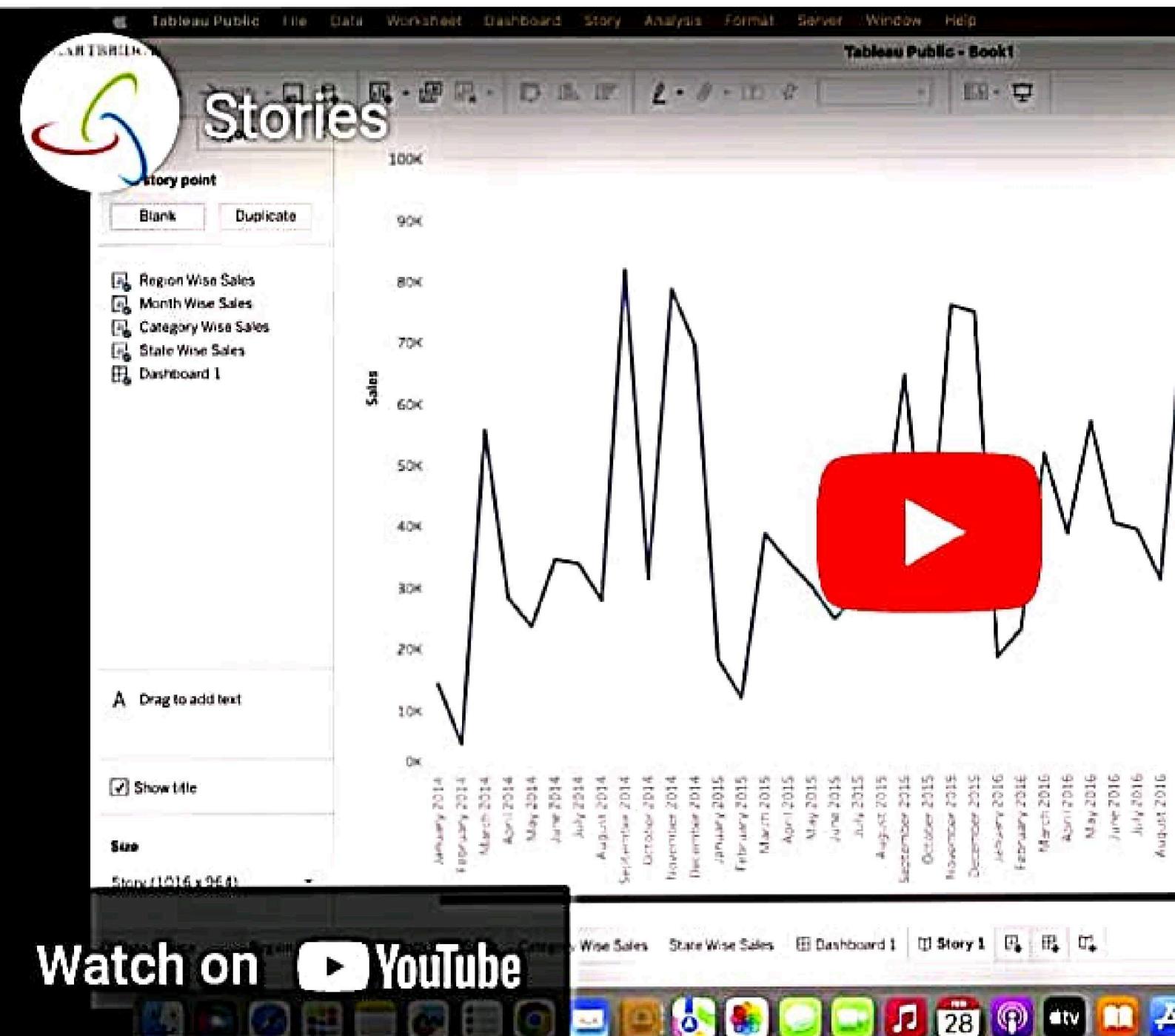
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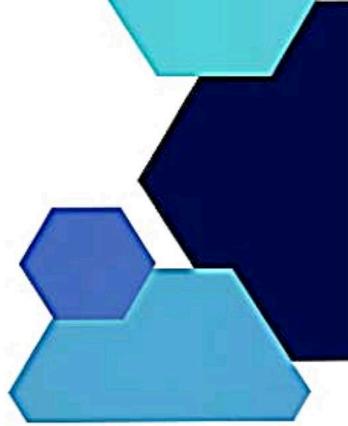
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powered by Tableau



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=x Sort Hierarchical Data

Review



=x Format Axis And Annotations - 1

Review



≡ Format Axis And Annotations - 2

Review



=x Clustering

Review



=x Filtering

Review



=x Forecasting Trend

Review



=x Maps in Tableau

Review



≡ Parameter

Review



≡ DashBoard

Review



≡ Stories

Review



≡ Flask

Review