



Data Analytics powered ...  
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NaanMudhalvan



Smart  
Internz

# Data Analytics

powered by Tableau



## Data Analytics powered by Tableau

100% COMPLETE



All lessons have been completed.

First Section

✓ 23 / 23 complete





## <> Flask



### 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"

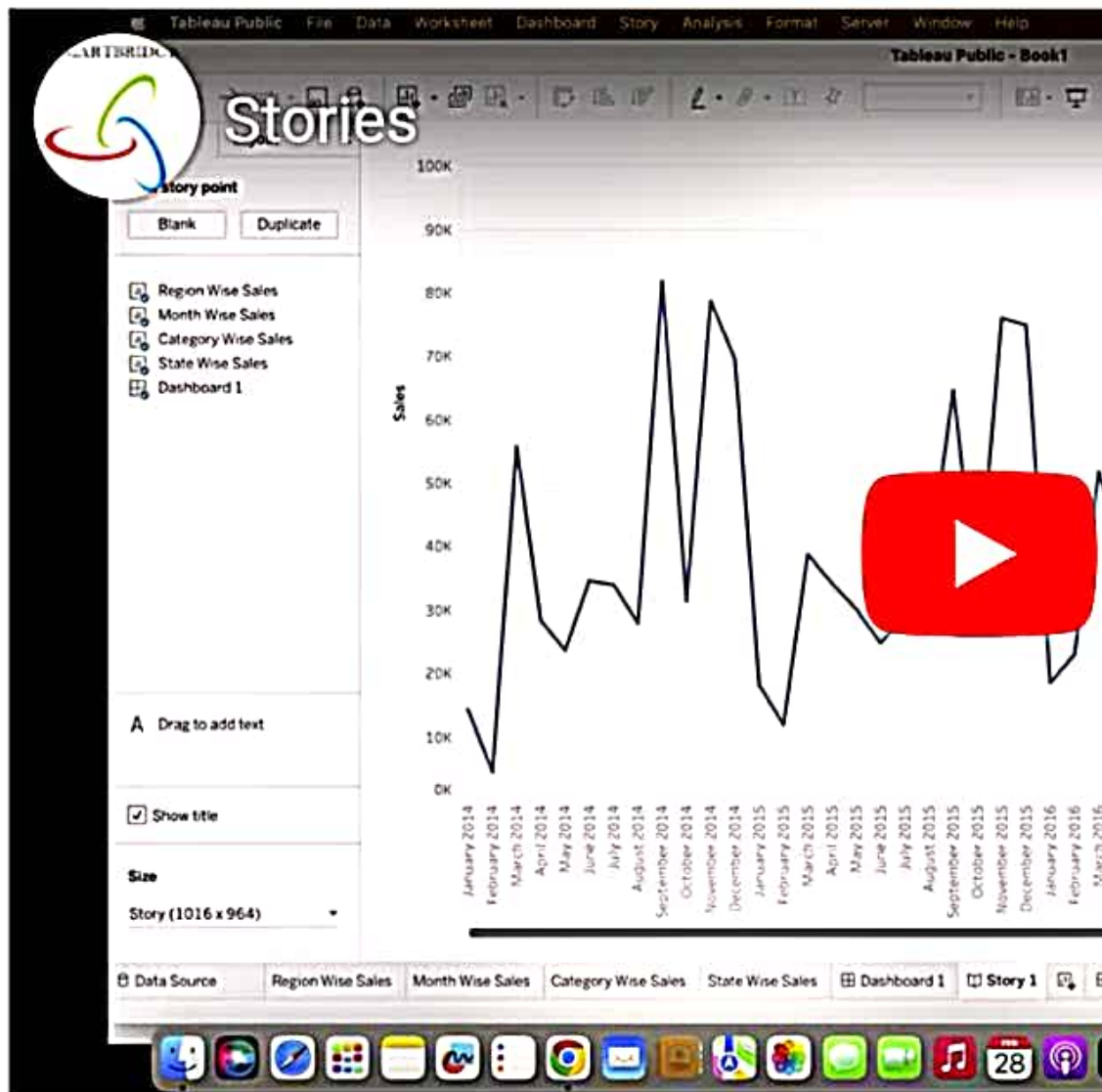
Watch on  YouTube



Complete and Continue >



## <> Stories



Complete and Continue >



## <> DashBoard

 **DashBoard**

**Dashboard pane**

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



Watch on  YouTube

Complete and Continue >

**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.



Watch on  YouTube

graphs available in  
tableau ?

point map

area map

world map

a & b



Predicting future trends in  
data using historical data

Creating a summary of  
data based on a specific  
criterion

Combining data from  
multiple sources into a  
single view

Analyzing data to identify  
patterns and outliers

---

**Complete and Continue >**

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



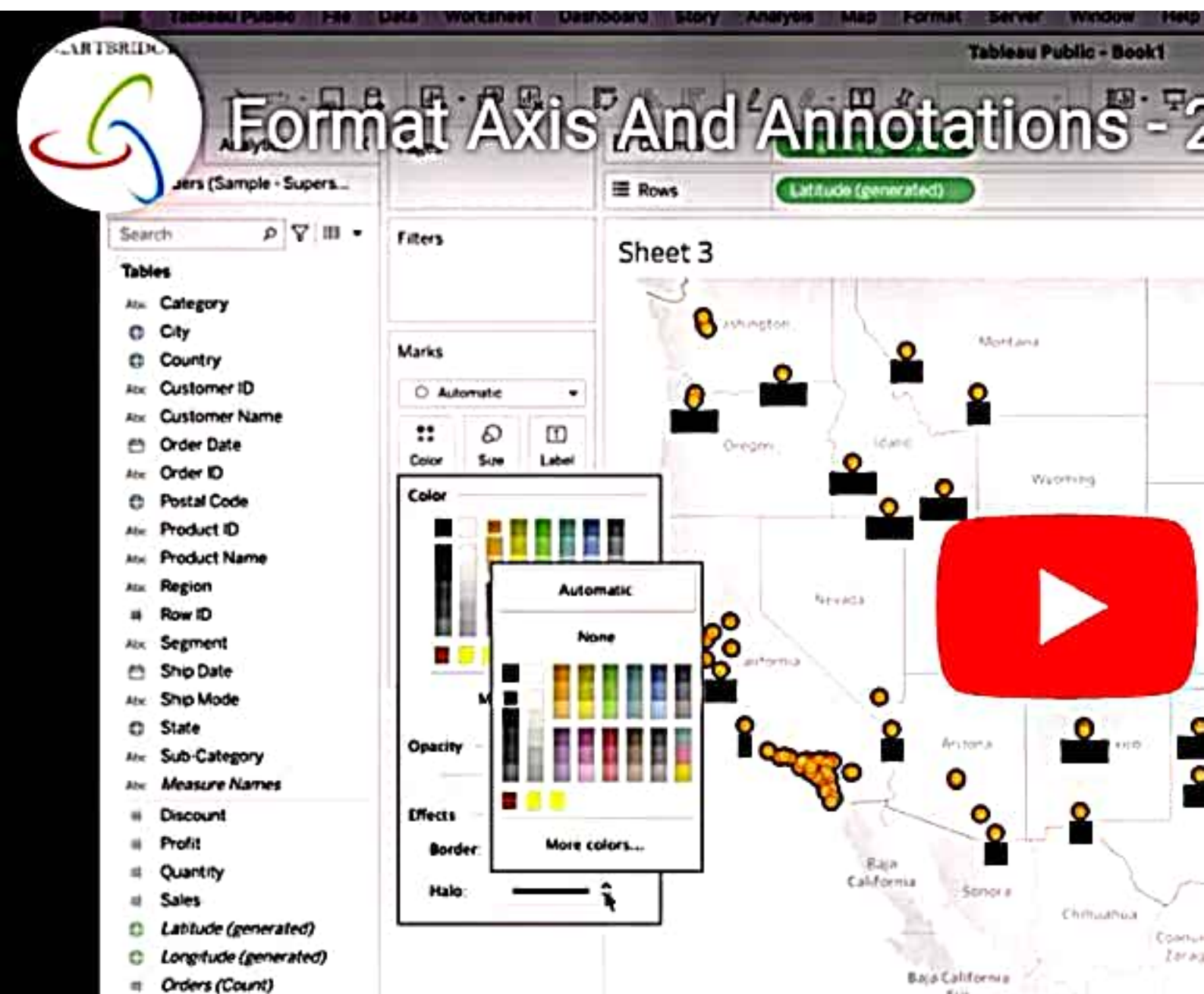
similarity

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

# Format Axis And Annotations - 2



Can we merge the  
two axis in to dual  
axis ?

Yes

No

may be

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

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.

# data manipulation in Tableau?

Blending data

Joins

Hierarchies

Sorting

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



a datatype in  
tableau ?

Number

integer

string

datetime

represented as

-----

Bubbles

Lines

Colors

None of the above

\_\_\_\_\_ba  
rs

Vertical

Horizontal

Segmented

Hierarchical

of the Bars in Bar  
chart ?

Rectangular

Square

Cylindrical

Stacked

---

dimensions of the  
data ?

Data Pane

Analytics pane

Workbook pane

GoTO DataSource

---

Structure Query  
Language

Structured Query  
Language

Semi Query Language

Structure Questions  
Language

---

below is not a  
tableau tool ?

Tableau Mobile

Tableau Online

Tableau Desktop

Tableau Laptop

---



visualization  
generate useful  
insights for an  
organization?

Yes

No

May be

---

# acronym of ETL

Extract, Transfrom and  
Launch

Extract, Transfer and Load

Extract, Tansform and  
Load

Expect , Transform and  
Load

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