



BOSSCODER  
ACADEMY

# TABLEAU SUCCESS



IN JUST 20 DAYS

# **Disclaimer**

Mastering Tableau in 20 days is an ambitious goal, but with dedication and structured learning, you can certainly make significant progress.

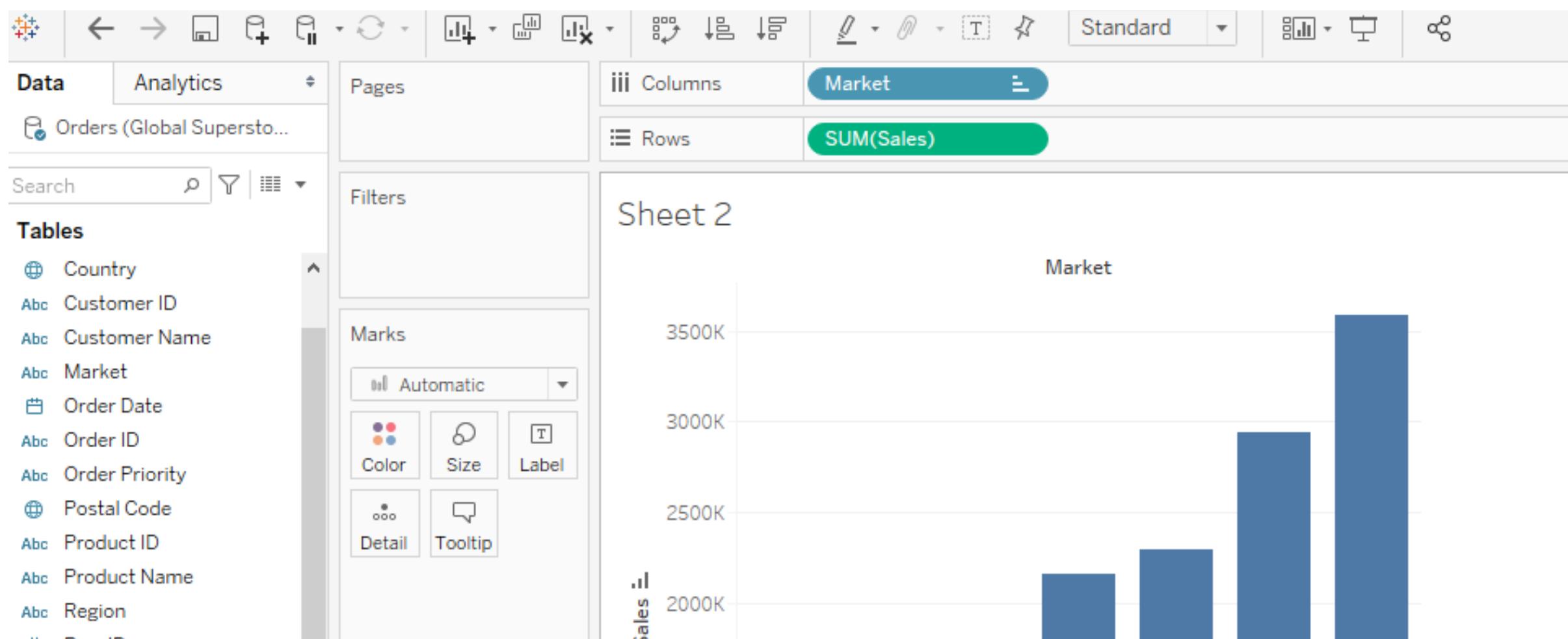
Please note that this 20 days plan assumes you have some basic familiarity with data analysis and visualization concepts.

**Happy Learning!**



# DAY 1-2

## Introduction to Tableau



### DAY 1:

Install Tableau, get familiar with the interface, and explore its various components.

### DAY 2:

Understand the importance of data visualization and its role in decision-making.



# ? Practice

- Create a simple bar chart in Tableau using a sample dataset.
- Explore the Show Me feature in Tableau and create a line chart.



# DAY 3-4

## Connecting to Data

The screenshot shows the 'Connect' interface in Tableau. On the left, there's a sidebar with a 'Connect' button and sections for 'To a File' (Excel, Text file, Statistical file, More...), 'To a Server' (Tableau Server, Salesforce, Google Sheets), and a search bar. The main area lists data sources in two columns: Tableau Server, Amazon Aurora, Amazon EMR, Amazon Redshift, Cloudera Hadoop, EXASolution, Firebird, Google Analytics, Google BigQuery, Google Cloud SQL; and Snowflake, Spark SQL, Teradata, Web Data Connector.

Source Type	Options
To a File	Excel, Text file, Statistical file, More...
To a Server	Tableau Server, Salesforce, Google Sheets
Search	Tableau Server, Amazon Aurora, Amazon EMR, Amazon Redshift, Cloudera Hadoop, EXASolution, Firebird, Google Analytics, Google BigQuery, Google Cloud SQL
	Snowflake, Spark SQL, Teradata, Web Data Connector

### DAY 3 :

Learn how to connect Tableau to different data sources (Excel, databases, web data connectors).

### DAY 4 :

Practice connecting to a dataset and understanding data source options.



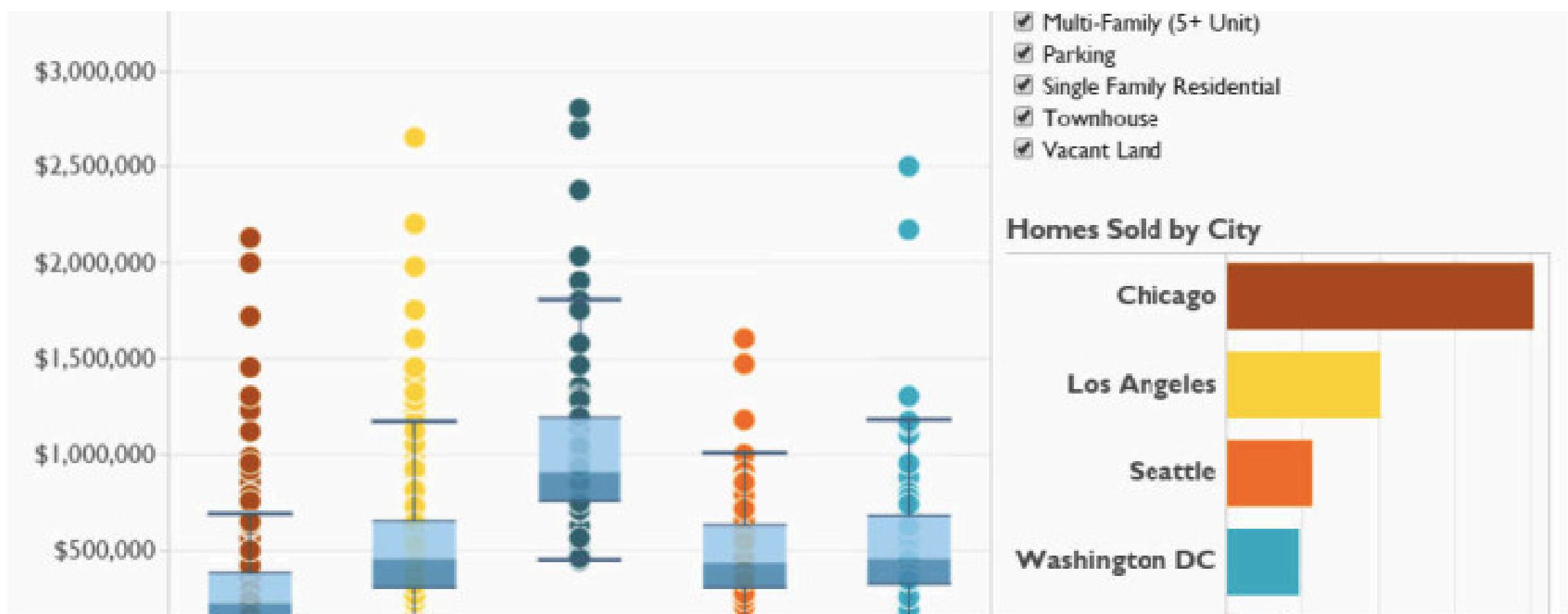
# ? Practice

- Connect Tableau to an Excel file containing sales data.
- Connect Tableau to a database (e.g., MySQL) and analyze a dataset.



## DAY 5-7

# Building Visualizations



### DAY 5 :

Create basic charts like bar charts, line charts, and scatter plots.

### DAY 6 :

Explore more advanced visualization options like maps, treemaps, and heat maps.



## DAY 7 :

Customize visualizations with colors, labels, and formatting.

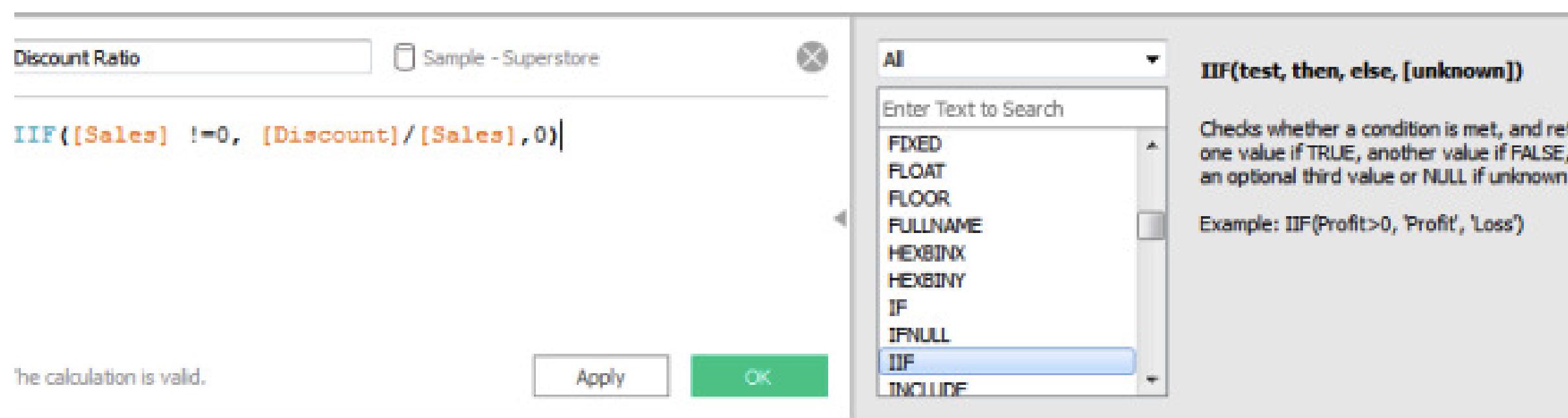
### ? Practice

- Create a bar chart and customize it with colors and labels.
- Build a map visualization and customize map layers.
- Design a dashboard with multiple visualizations and filters.



# DAY 8-10

## Working with Calculations



### DAY 8 :

Introduce calculated fields for more complex data manipulation.

### DAY 9 :

Learn about aggregation and table calculations.



## DAY 10 :

Practice creating calculated fields for specific use cases.

### ? Practice

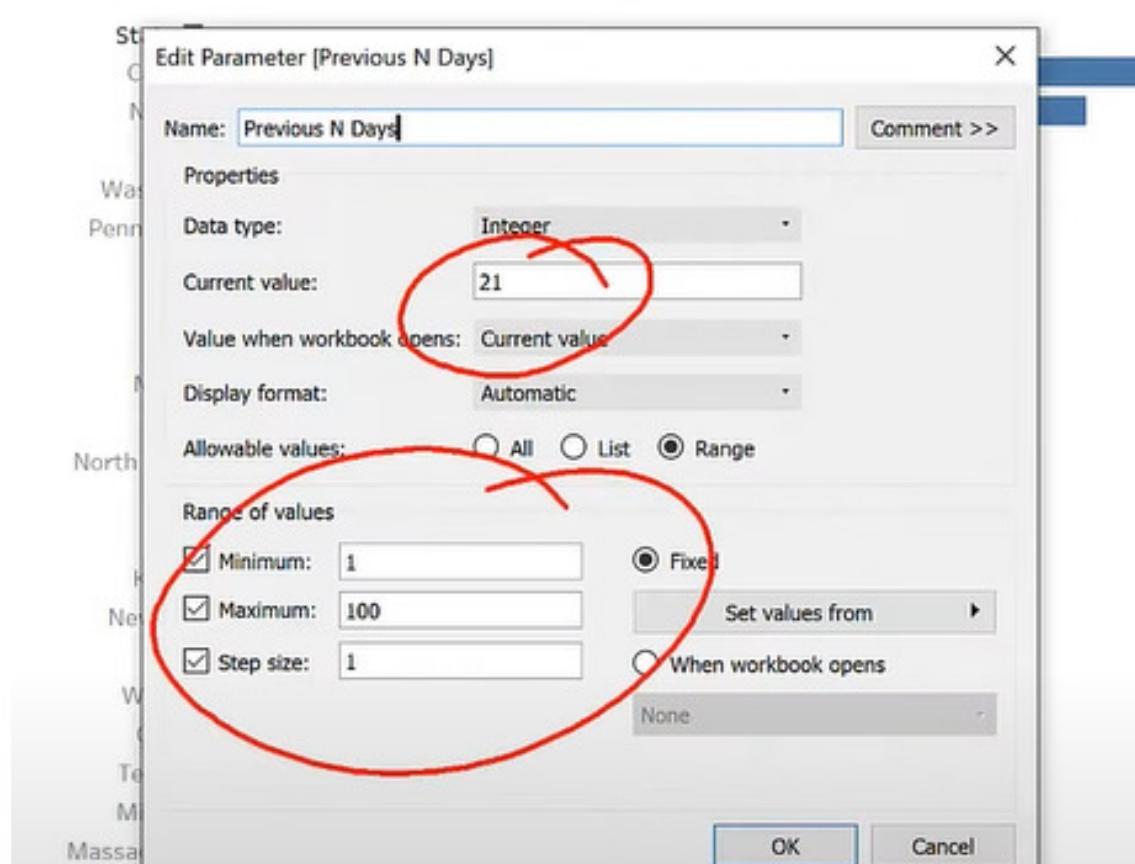
- Create a calculated field to calculate profit margin.
- Apply table calculations to a line chart.
- Use calculated fields to create a dynamic filter.



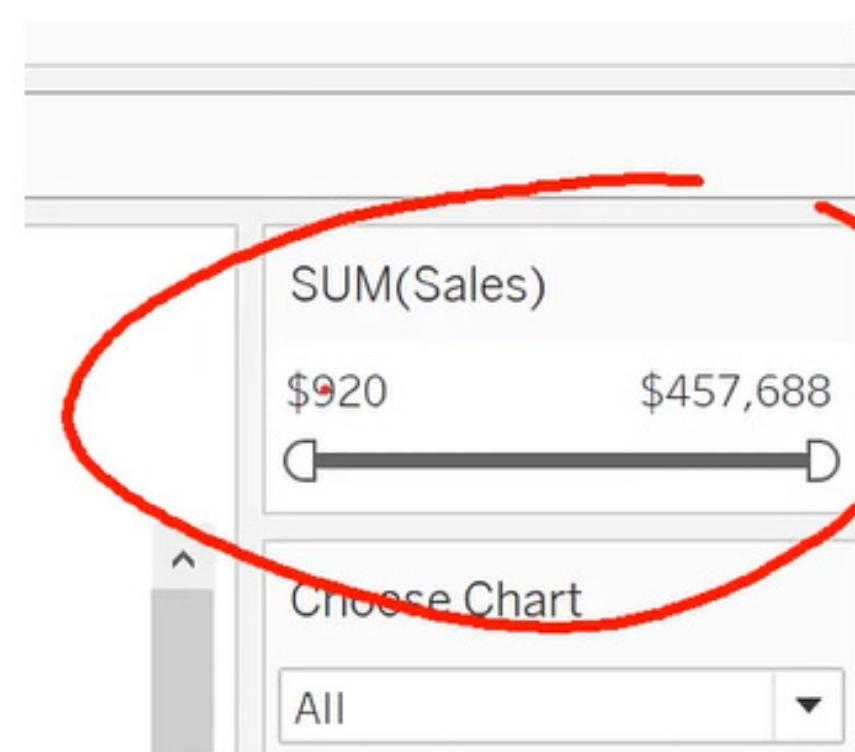
# DAY11-13

## Dashboard Design

### Parameters



### Filters



**DAY 11 :**

Explore the dashboard interface and components.

**DAY 12 :**

Create interactive dashboards with multiple worksheets.



## DAY 13 :

Implement actions, filters, and parameters for user interaction.

### ? Practice

- Design a dashboard with at least three interactive elements.
- Create a dashboard action that highlights data points in multiple worksheets.
- Build a dashboard that includes a filter and a parameter control.

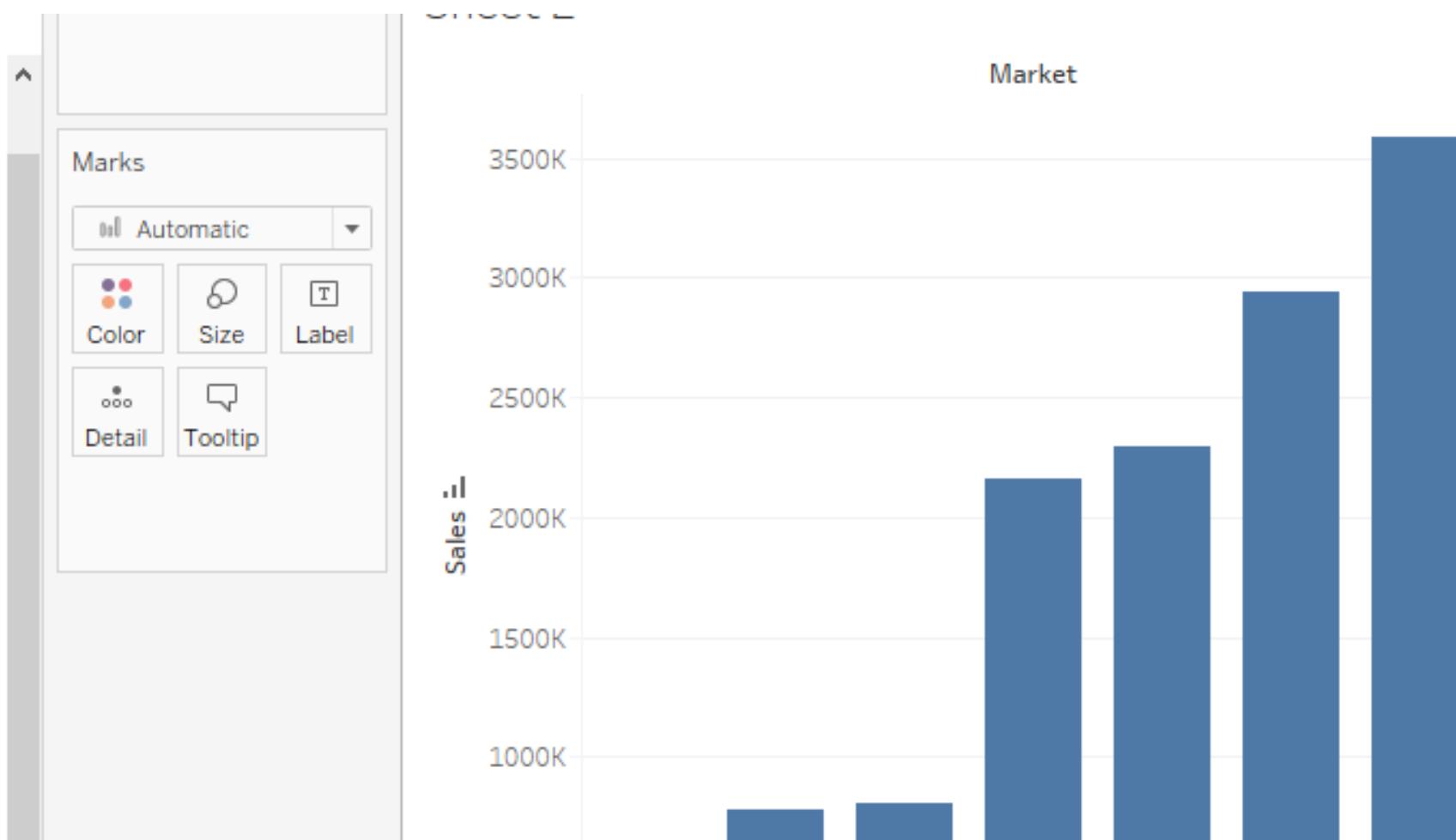


# DAY 14-15

## Data Blending and Joins

### Tables

Country
Customer ID
Customer Name
Market
Order Date
Order ID
Order Priority
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Ship Date
Ship Mode
State
Sub-Category
Measure Names



### DAY 14 :

Understand how to blend data from multiple sources.

### DAY 15 :

Explore various join types and their applications.



# ? Practice

- Blend data from two different sources (e.g., Excel and a database).
- Perform a left join and a right join on two datasets.



## DAY 16-17

# Advanced Features



### DAY 16 :

Dive into advanced features like sets, groups, and hierarchies.

### DAY 17 :

Practice using reference lines, trend lines, and forecasting.



# ? Practice

- Create a set or group based on specific criteria in your data.
- Add trend lines to a scatter plot and analyze the data.



## DAY 18-19

# Sharing and Collaboration

### DAY 18 :

Learn how to publish and share Tableau workbooks.

### DAY 19 :

Collaborate with others, share insights, and explore Tableau Server/Online.

## ? Practice

- Publish a Tableau workbook and share it with a colleague.
- Collaborate with a colleague on a Tableau Online project.



## DAY 20

# Real-World Projects

On the final day, work on a personal or sample project to consolidate your knowledge and apply what you've learned.

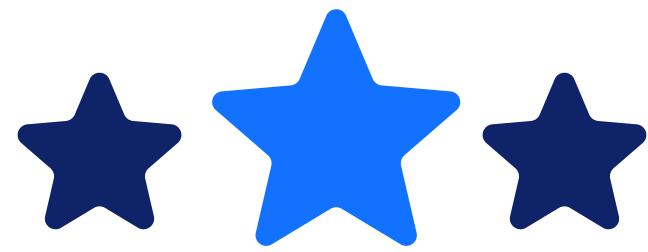
**Your one destination for Tableau Resources:**

<https://www.tableau.com/learn/training>

<https://youtu.be/aHaOlvR00So?feature=shared>

Remember to practice and work on real datasets. Tableau is best learned by doing, so apply your knowledge to real-world scenarios.





## WHY BOSSCODER?

 **1000+** Alumni placed at Top Product-based companies.

 More than **136% hike** for every **2 out of 3** working professional.

 Average package of **24LPA**.

The syllabus is most up-to-date and the list of problems provided covers all important topics.

Lavanya  
 Meta



Course is very well structured and streamlined to crack any MAANG company

Rahul .  
 Google



[EXPLORE MORE](#)