

Lesson 07 Demo 05

Motion Chart

Objective: To create a motion chart to show the movement of Monthly Sales and Profit

Tools required: Tableau Desktop

Prerequisites: None

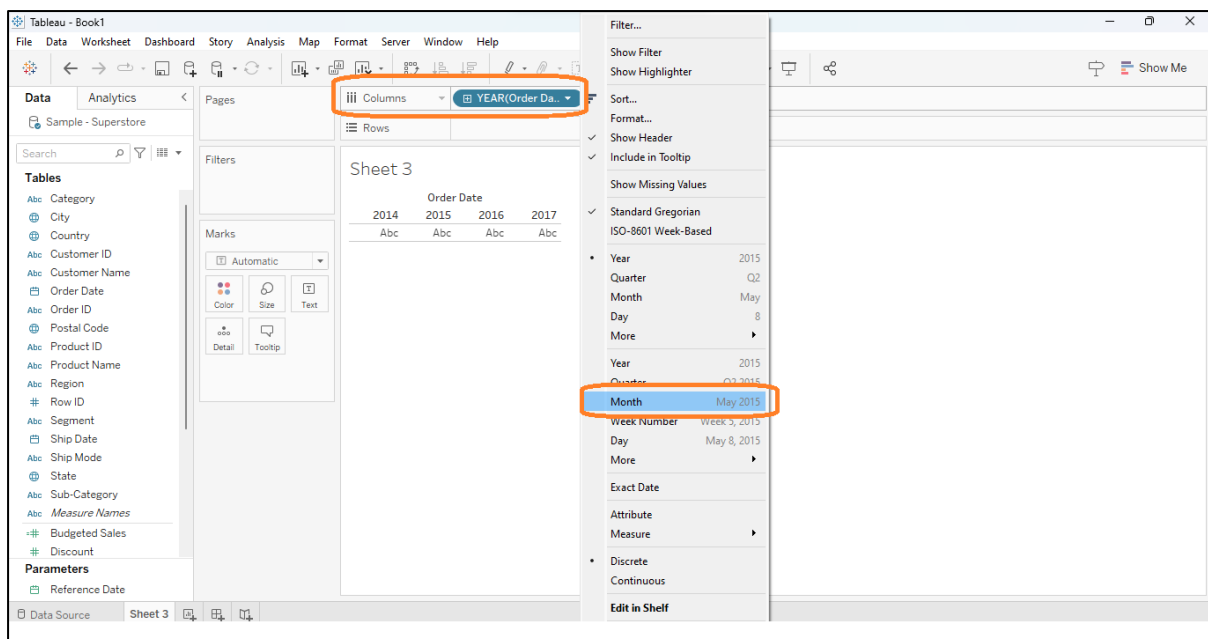
Note: Download the **Sample - Superstore** dataset from the reference material of the LMS

Steps to be followed:

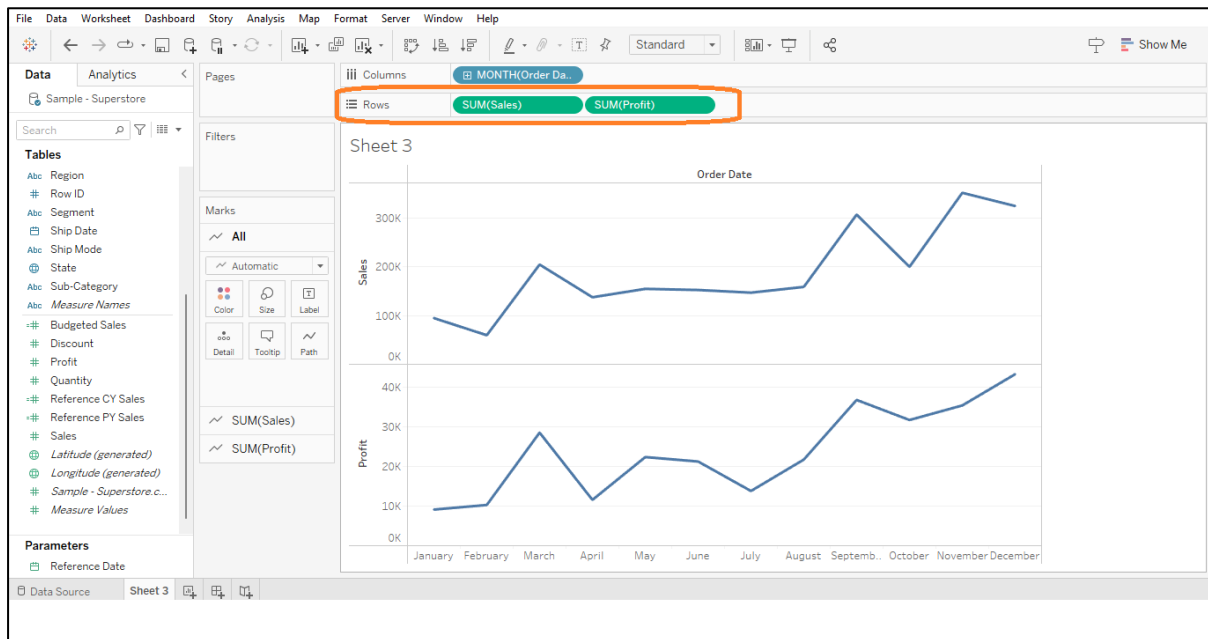
1. Create a Line Chart
2. Adding Motion (or animation) to chart

Step 1: Create a Line Chart

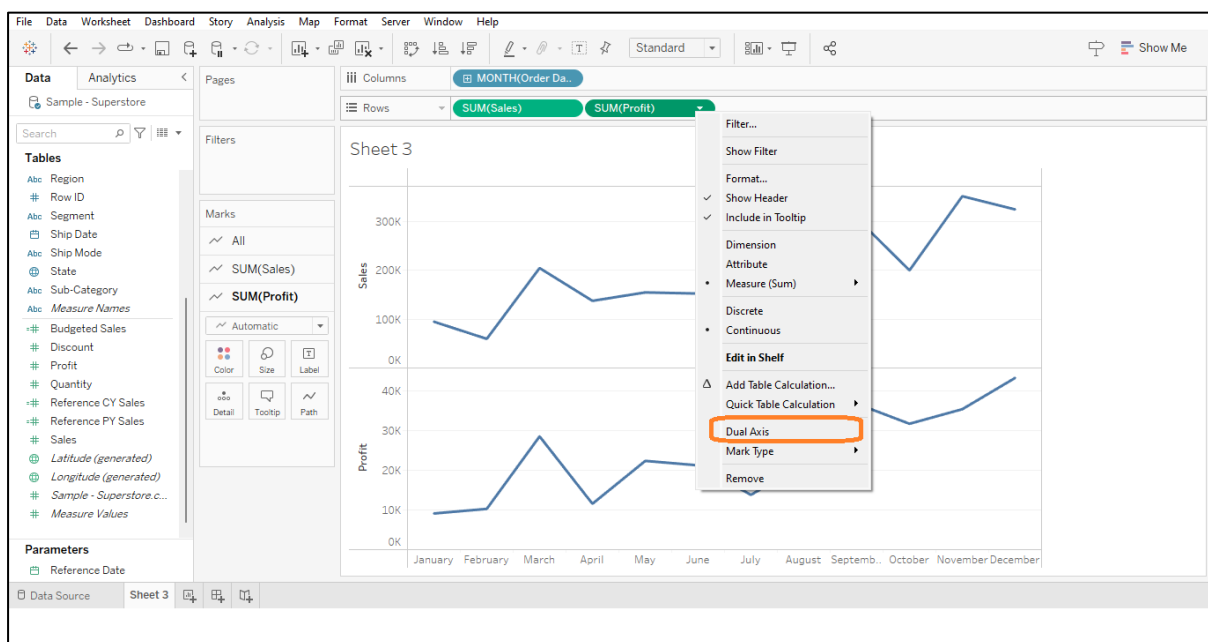
1.1 Drag **Order date** to **Columns** shelf and right-click and select **Month**



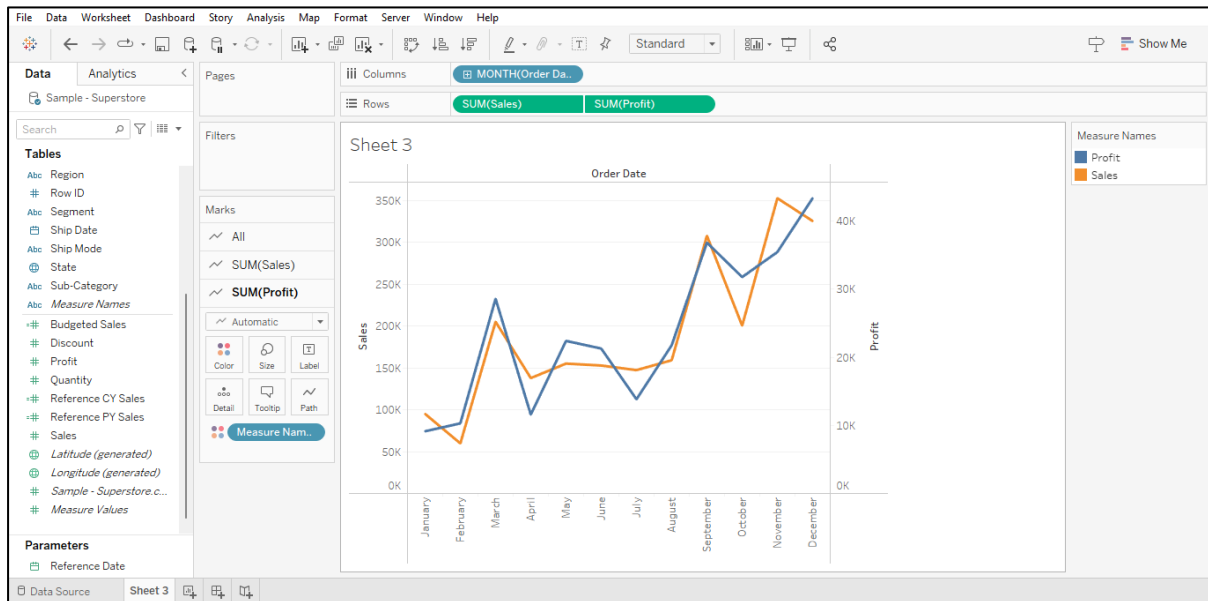
1.2 Drag **Sales** and **Profit** to the **Rows** shelf. The output will appear as shown below:



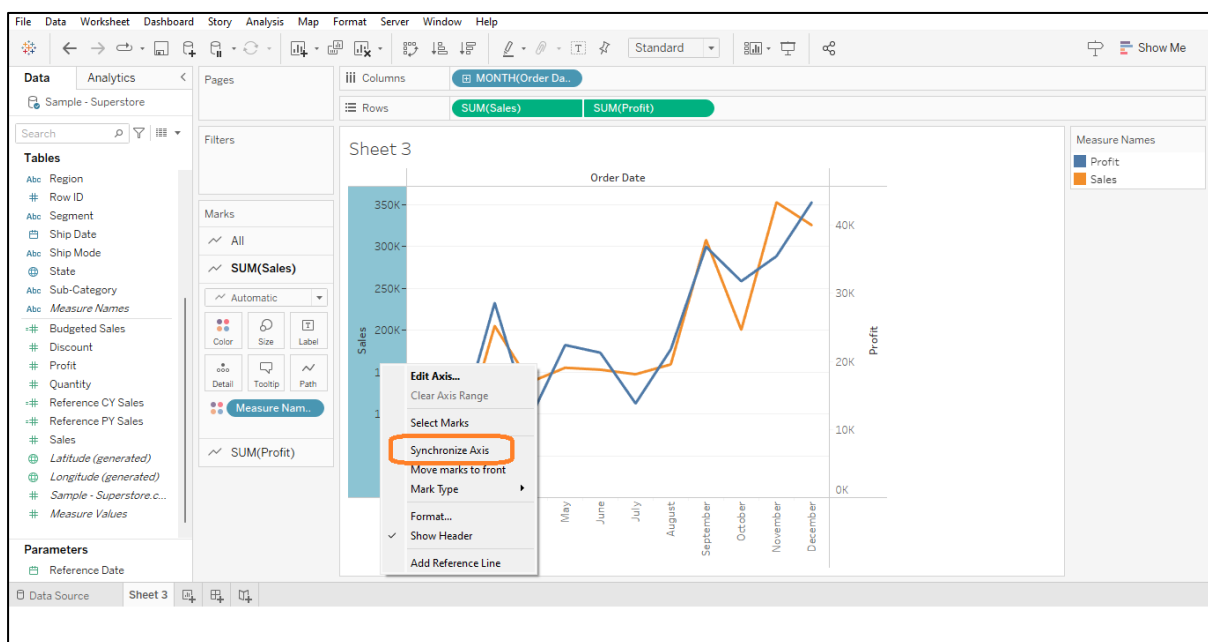
1.3 Right-click on **Profit** and select **Dual Axis**



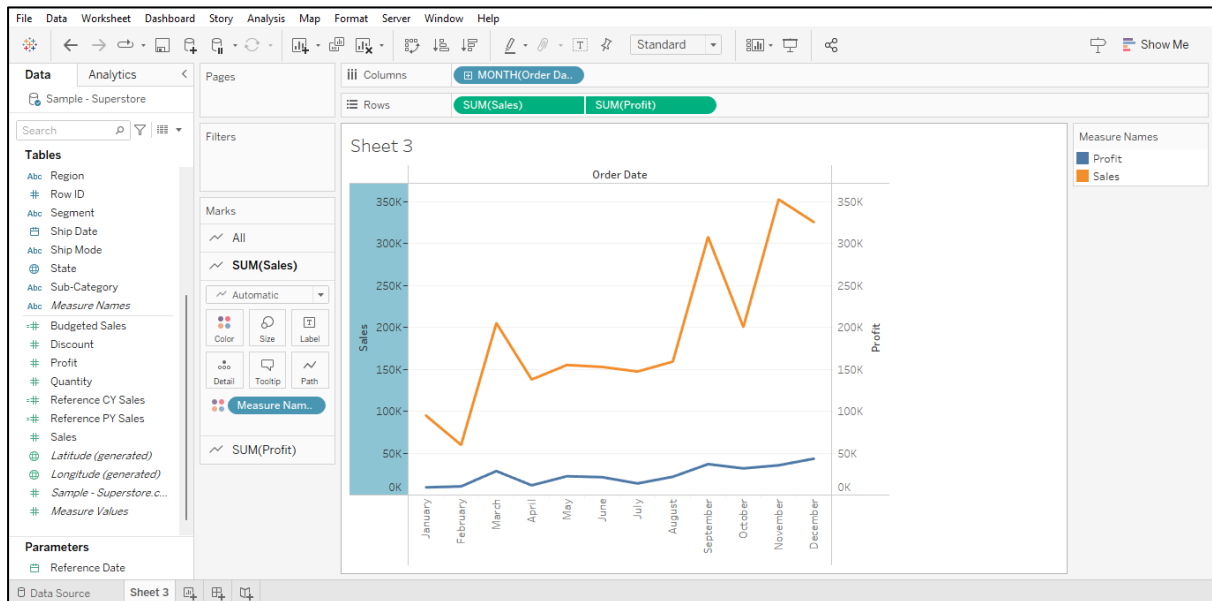
The chart will appear as shown below:



1.4 Right-click on any Y Axis and select **Synchronize Axis**

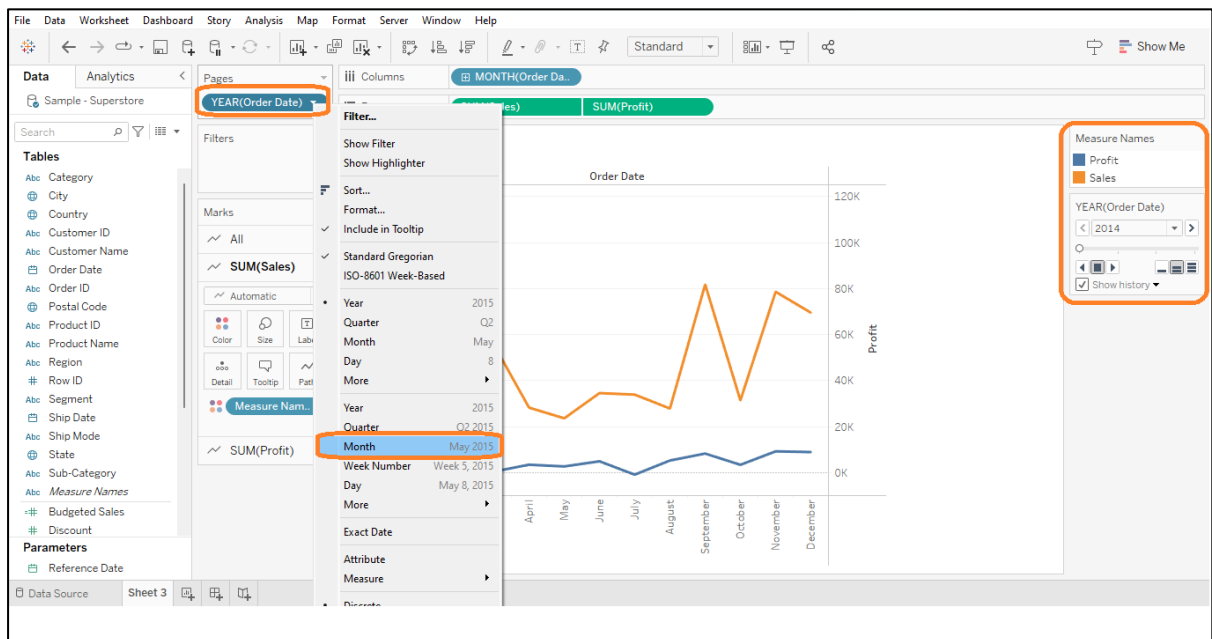


The chart will appear as shown below:

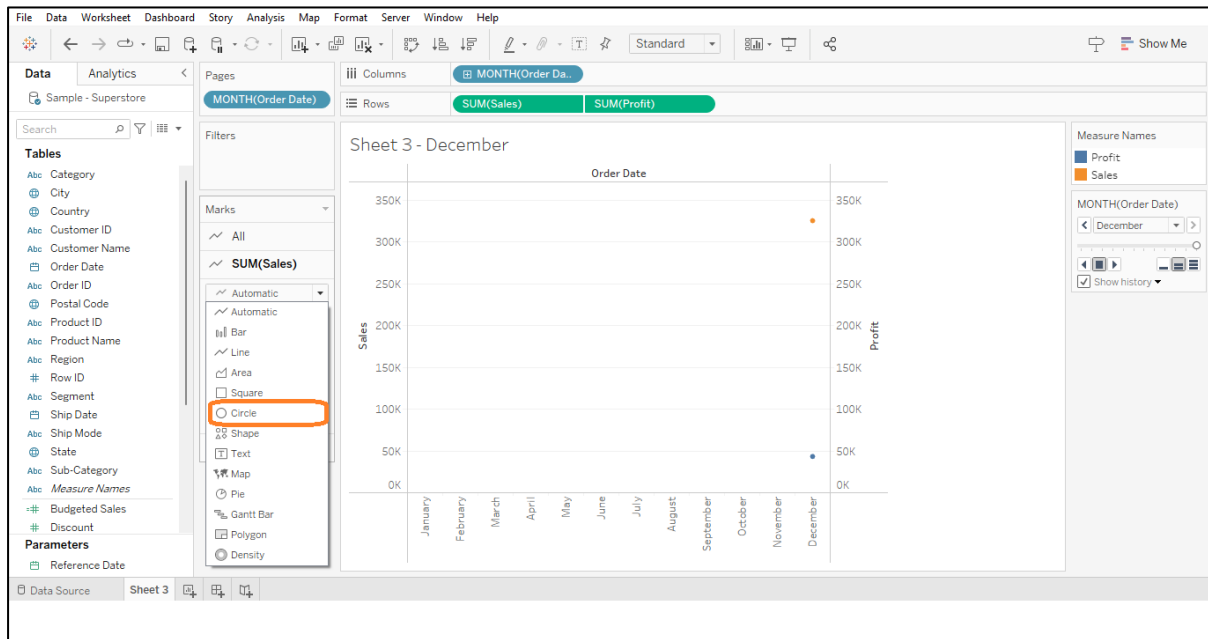


Step 2: Adding Motion (or animation) to chart

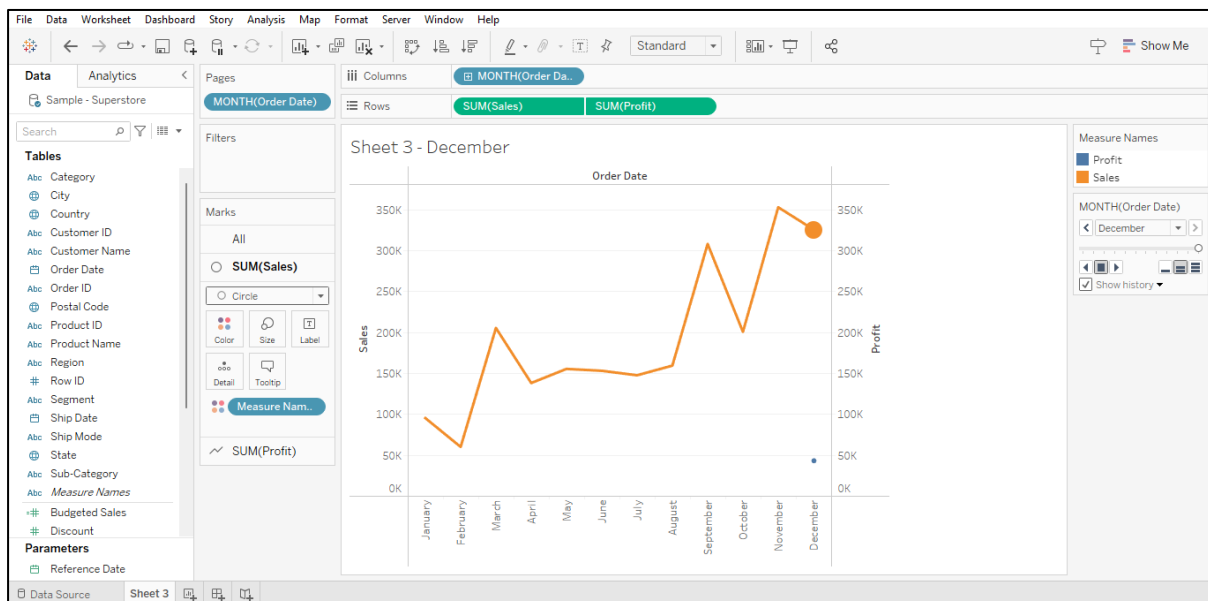
2.1 Drag the **Order Date** to the **Pages** section. Select the **Date Value** as **Month** from the dropdown. You will see a Motion Control box at the right top corner.



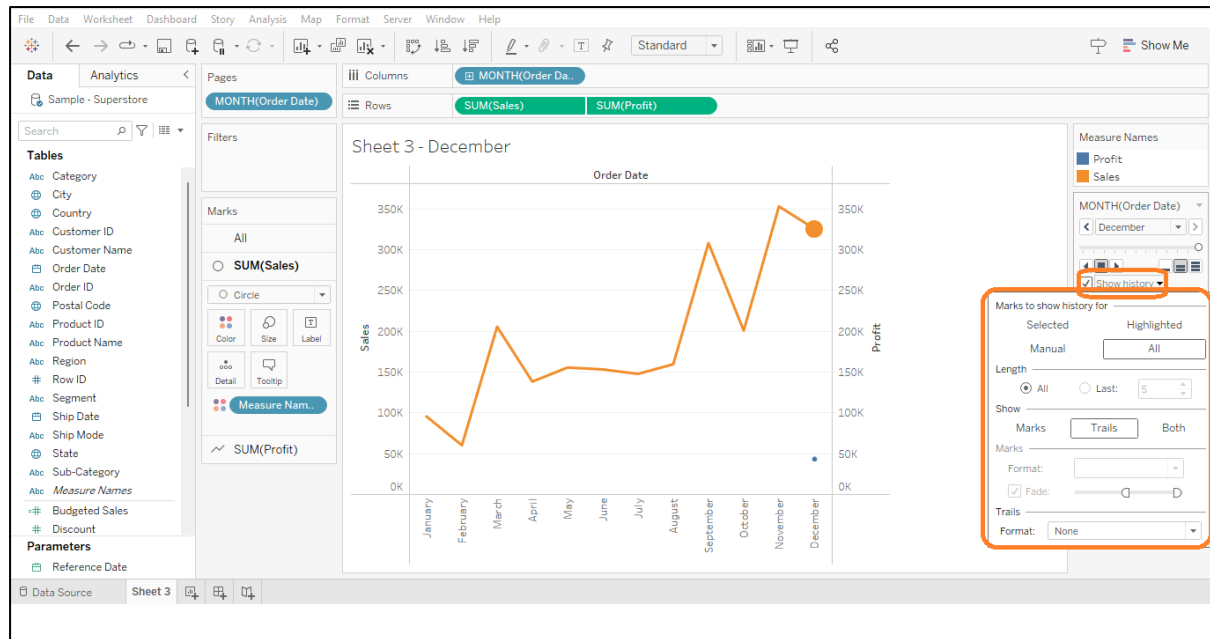
2.2 Change the mark type from **Automatic** to **Circle**



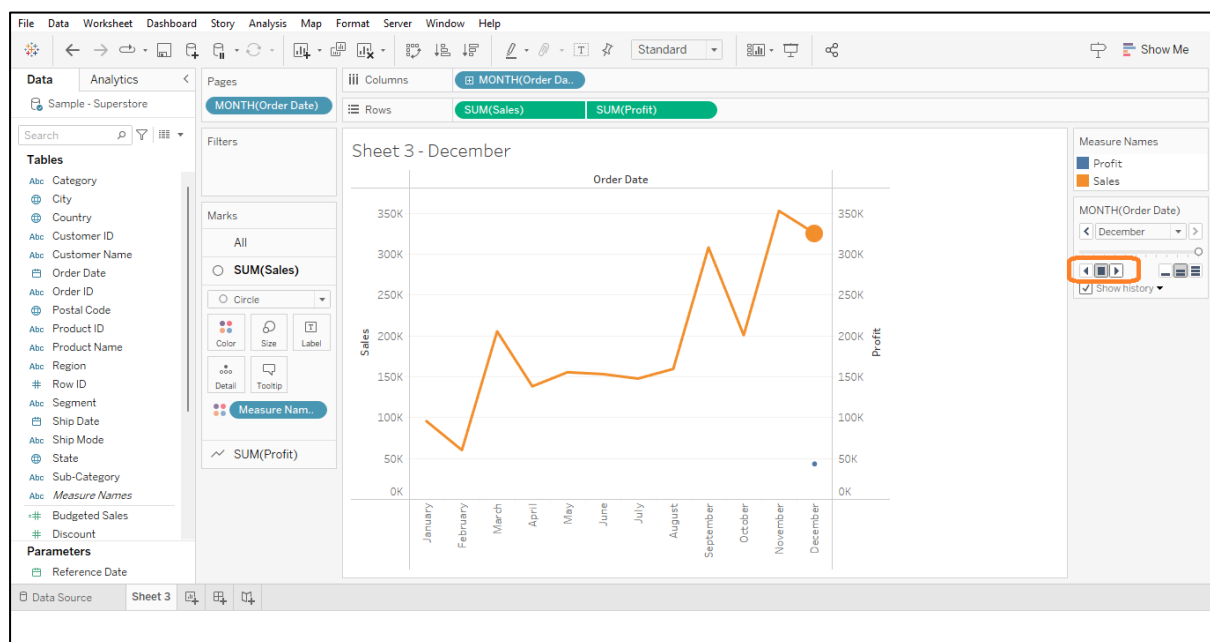
The output will appear as shown below:



2.3 In the **Motion Control Box**, select/check **Show History** and fill all the fields as shown below:



2.4 Close the Show History option and click on the **Play button** (highlighted below) to make Motion Chart live



With these steps, you have successfully created a motion chart to show the movement of Monthly Sales and Profit.