# ASSIGNMENT 33.2

## 5. PROBLEM STATEMENT

### 1. Create a Filled map by using the columns state . Denote each state with different colors.

1. Ans: In Tableau, open a new workbook and connect to the Sample-Superstore data source.
2. On the Data Source page, click **Sheet 1** to go to a new worksheet.
3. In the Data pane, under Dimensions, double-click **State**.

Tableau creates a symbol map, with a data point for each state in the Sample-Superstore data source.

1. On the Marks card, click the Mark-type drop-down and select the **Map** mark type.
2. From Measures, drag **Profit** to **Color** on the Marks card.
3. From Measures, drag **Latitude (generated)** to the **Rows** shelf, and place it to the right of the other Latitude field.
4. On the Rows shelf, right-click the second **Latitude** field and select **Dual Axis**.

The second map is now layered on top of the first map. There are now three drop-downs on the Marks card: one for each map view, and one for both views (all). These are three separate marks cards that you can use to control the visual detail for each of the map views.

1. On the Marks card, click one of the**Latitude (generated)** tabs, and then click the Mark type drop-down and select the **Pie**mark type.
2. From Measures, drag **Sales** to **Size** on the Latitude (generated) Marks card you selected.

The Sum of sales for each state is shown as text.

1. From Dimensions, drag **Category** to **Color** on the same Marks card.

If the size of the pie charts is too small, click Size on the Marks card to adjust the size.

### 2. Show the State Name and Total Sales in the lables

Ans:- 1. On the marks card click lable

2.In the dialog box that opens, under Marks to Label, select one of the following *options:*

*3. Then select, State Name and Total Sales.*

### 3. Show the tooltip with State Name , Profit and Sales

Ans:- Step 1: Create the visualization on which you need tooltips

Step 2: Create the visualization you like to show in the tooltip.

Step 3: Add the secondary visualization to the tooltip of the first one

Step 4 : Then select , State Name, Profit and Sales.