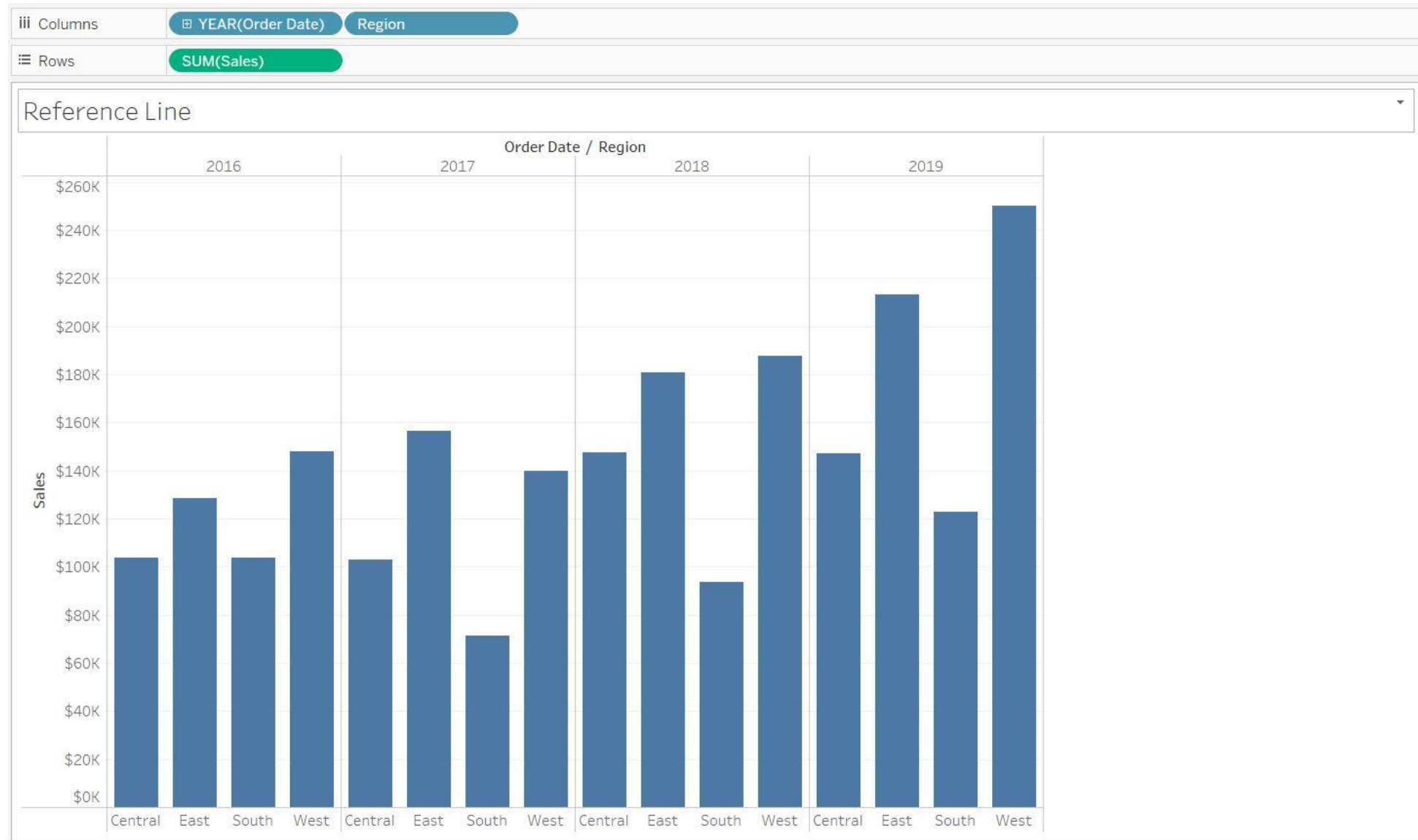


HOW TO ADD A REFERENCE LINE

STEP 1: Assume that we have a Bar Chart view of Sales Vs YEAR(Order Date) & Region



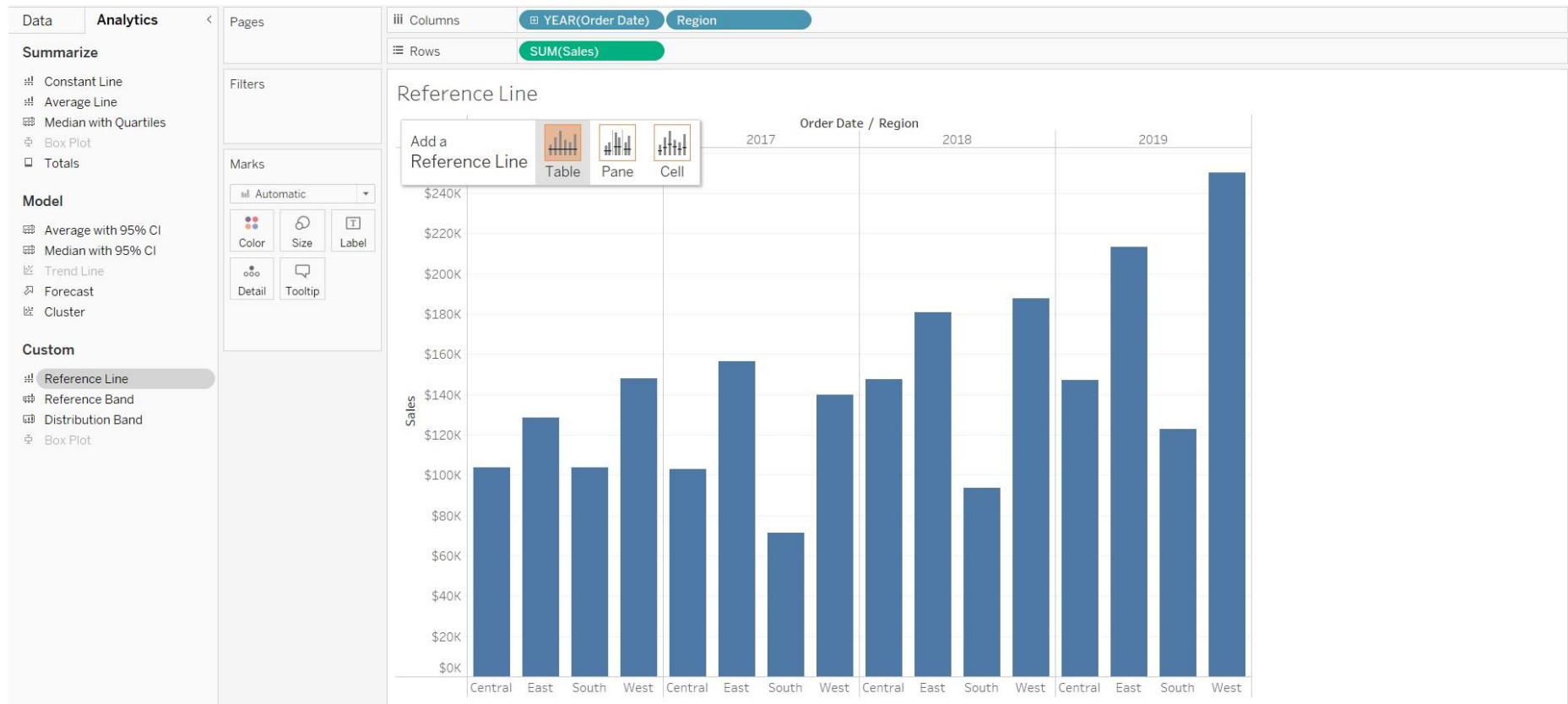
HOW TO ADD A REFERENCE LINE

STEP 2: Drag **Reference Line** from the **Analytics** pane into the view.

In a simple case, the drop target area offers three options:

Table, Pane and Cell

For this example, we will drop it to **Table**



HOW TO ADD A REFERENCE LINE

STEP 3: Edit Reference Line, Band, or Box dialog box appears

Edit Reference Line, Band, or Box

Line Band Distribution Box Plot

Scope

☒ Entire Table ☐ Per Pane ☐ Per Cell

Line

Value: SUM(Sales) Average

Label: Computation

Tooltip: Automatic

Line only 95

Formatting

Line: —

Fill Above: None

Fill Below: None

☒ Show recalculated line for highlighted or selected data points

OK

HOW TO ADD A REFERENCE LINE

STEP 4: Select the **Value** as **SUM(Sales)** from the drop-down

Edit Reference Line, Band, or Box ✕

Line **Band** **Distribution** **Box Plot**

Scope

☒ Entire Table ☐ Per Pane ☐ Per Cell

Line

Value: **SUM(Sales)** Average

Label: *Create a New Parameter...*

Tooltip: Automatic

Line only 95

Formatting

Line:

Fill Above: None

Fill Below: None





☒ Show recalculated line for highlighted or selected data points

OK

HOW TO ADD A REFERENCE LINE

STEP 5: Select the aggregation as **Average** (default option) from the drop-down

Edit Reference Line, Band, or Box ✕

 Line  Band  Distribution  Box Plot

Scope

☒ Entire Table ☐ Per Pane ☐ Per Cell

Line

Value:

Label:

Tooltip:

Formatting

Line:

Fill Above:

Fill Below:

☒ Show recalculated line for highlighted or selected data points

HOW TO ADD A REFERENCE LINE

STEP 6: Select the **Label** as **Value** from the drop-down

Edit Reference Line, Band, or Box ✕

Line Band Distribution Box Plot

Scope

☒ Entire Table ☐ Per Pane ☐ Per Cell

Line

Value: SUM(Sales) Average

Label: Computation

Tooltip: Value

Line only 95

Formatting

Line: —

Fill Above: None

Fill Below: None





☒ Show recalculated line for highlighted or selected data points

OK

HOW TO ADD A REFERENCE LINE

STEP 7: Click OK

Edit Reference Line, Band, or Box ✕

 Line  Band  Distribution  Box Plot

Scope

☒ Entire Table ☐ Per Pane ☐ Per Cell

Line

Value:

Label:

Tooltip:

Formatting

Line:

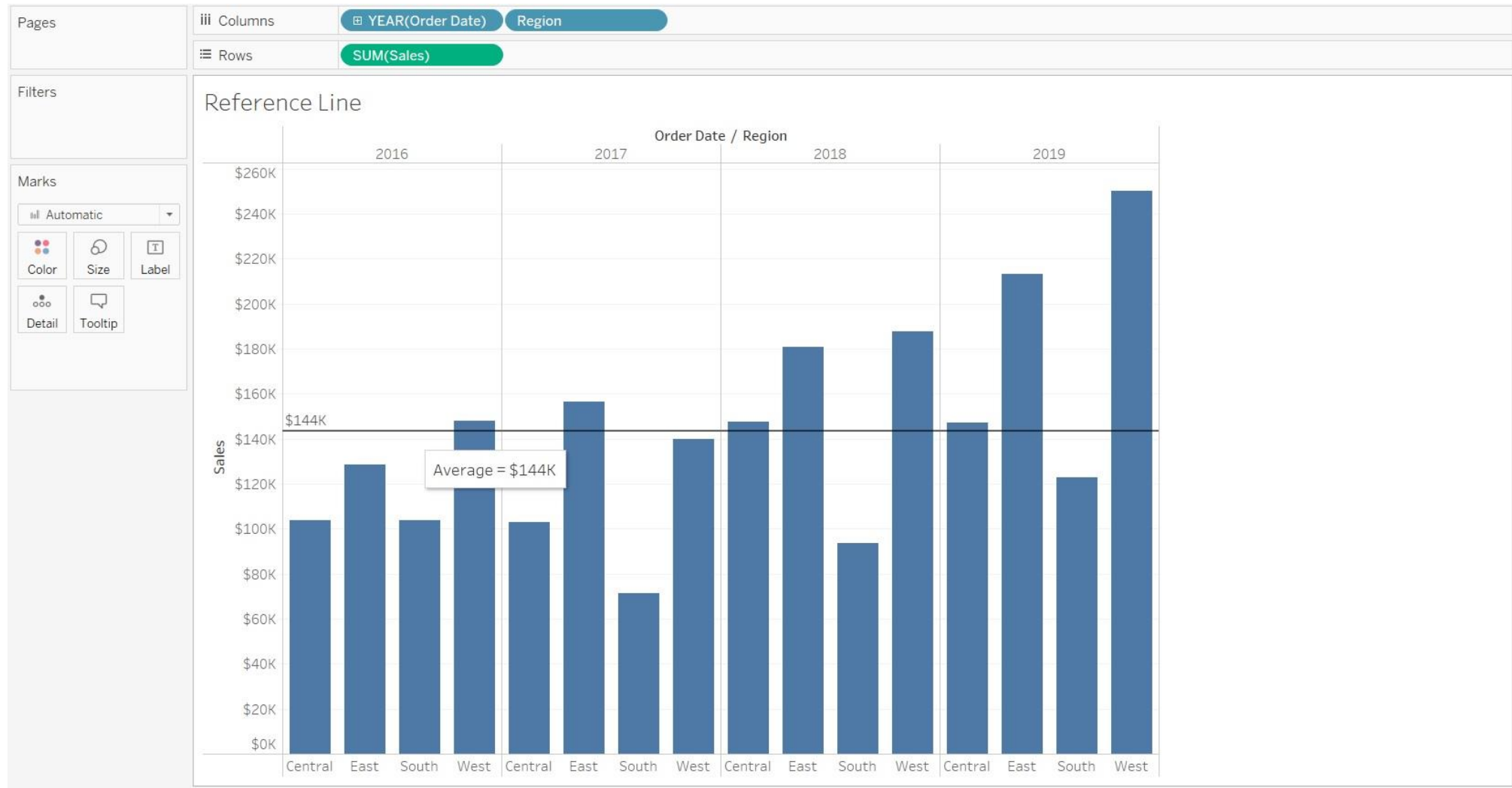
Fill Above:

Fill Below:

☒ Show recalculated line for highlighted or selected data points

HOW TO ADD A REFERENCE LINE

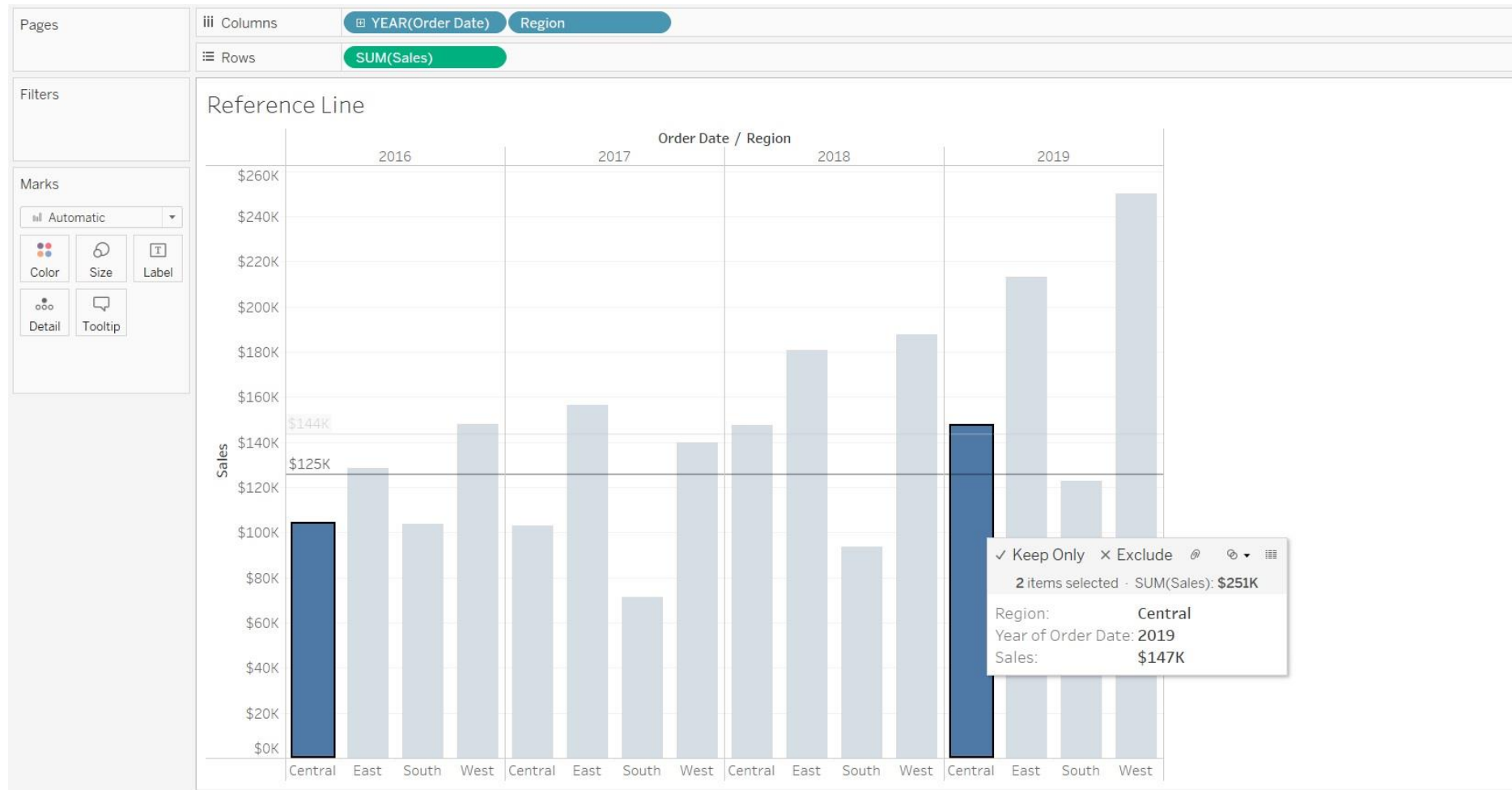
STEP 8: The added reference line for Table scope Average Sales Reference Line is now visible in the view



HOW TO ADD A REFERENCE LINE

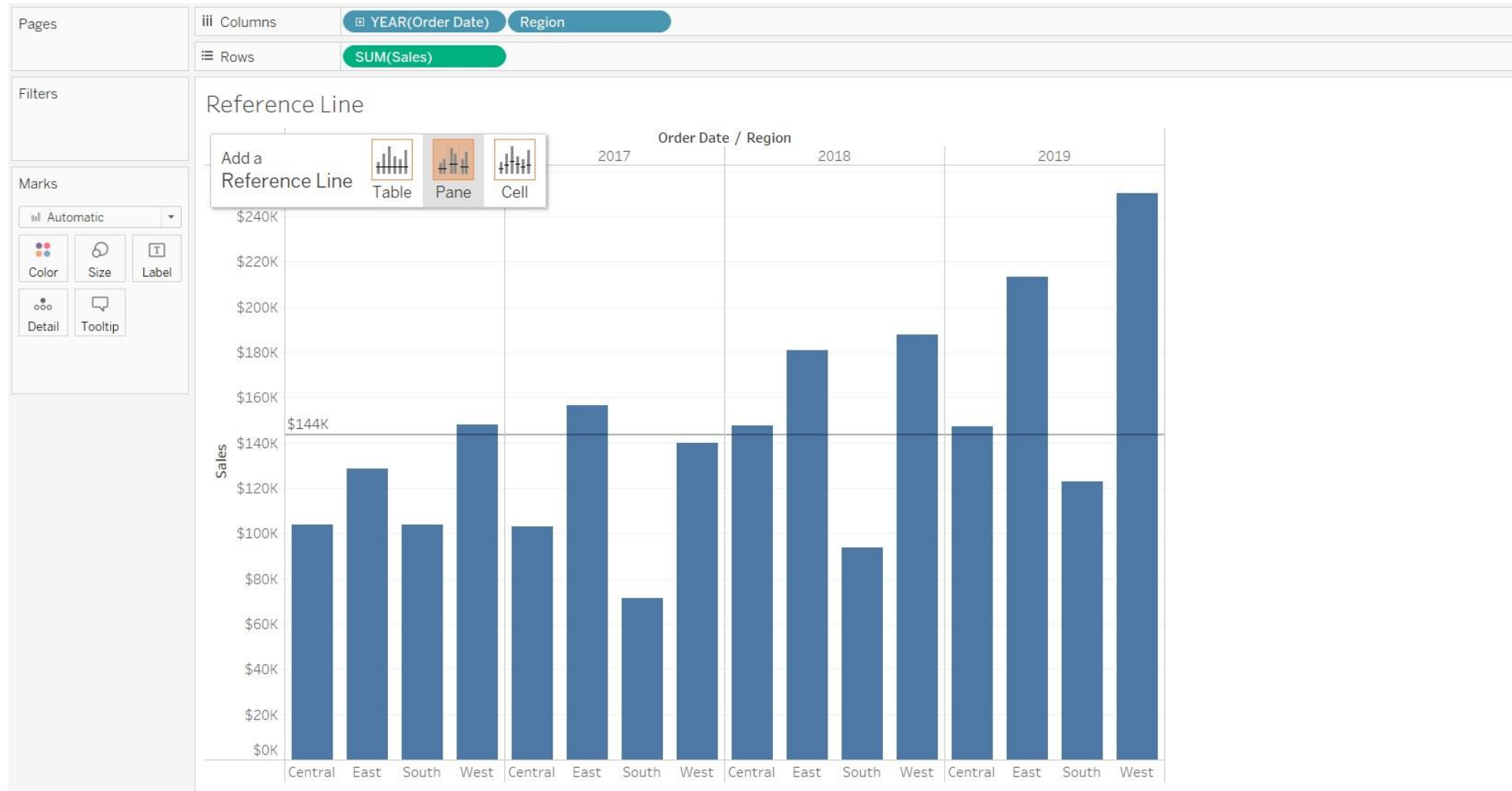
STEP 9: If we select only a few marks the Average value changes based on the marks selected

The darker line is the new average line while the lighter line is the old average line



HOW TO ADD A REFERENCE LINE

STEP 10: Drag **Reference Line** from the **Analytics** pane into the view and drop it on **Pane**.



HOW TO ADD A REFERENCE LINE

STEP 11: Edit Reference Line, Band, or Box dialog box appears

Make the required changes like Table scope Average Reference Line (if required)

Edit Reference Line, Band, or Box

Line Band Distribution Box Plot

Scope

☐ Entire Table ☒ Per Pane ☐ Per Cell

Line

Value: SUM(Sales) Average

Label: Value

Tooltip: Automatic

Line only 95

Formatting

Line: —

Fill Above: None

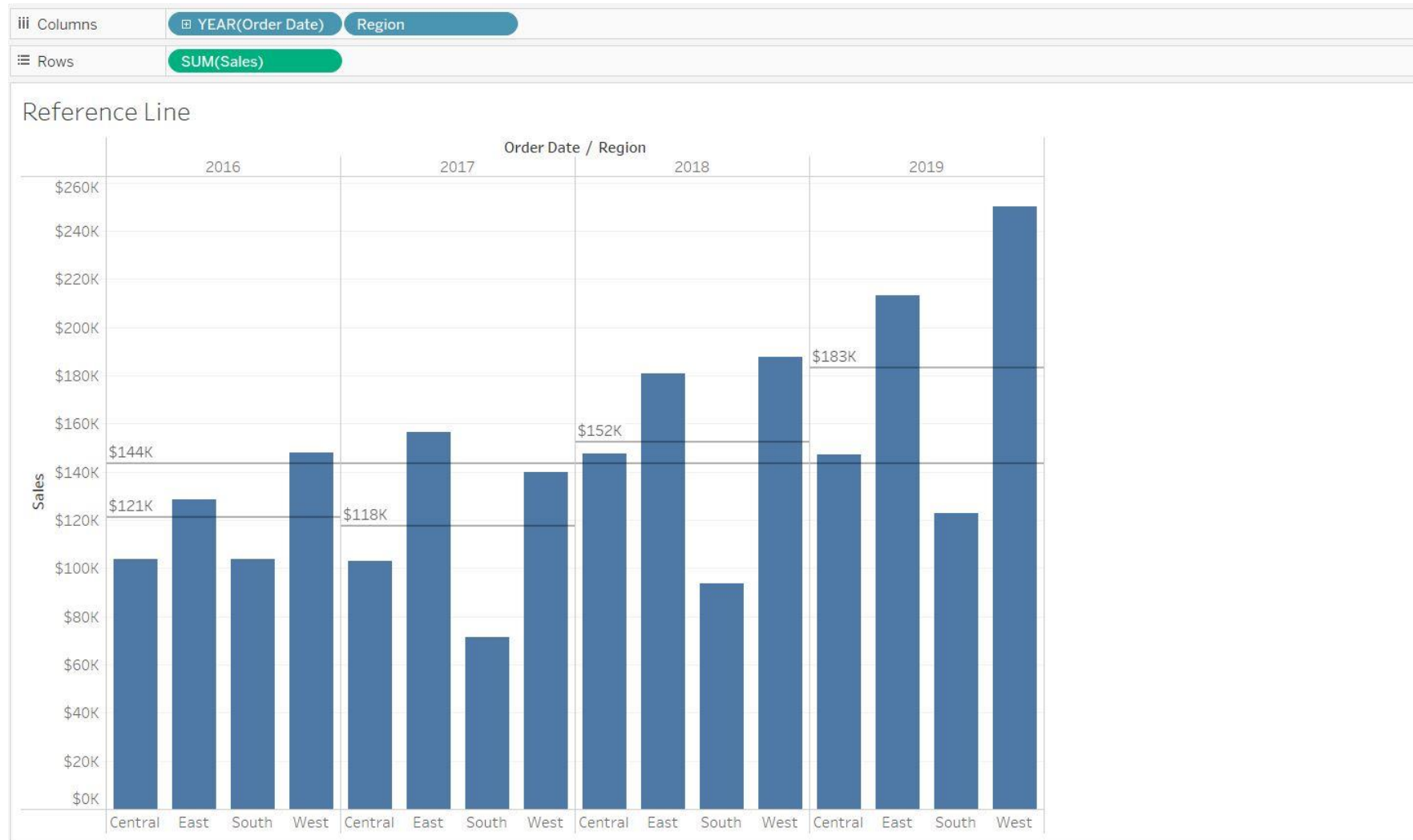
Fill Below: None

☒ Show recalculated line for highlighted or selected data points

OK

HOW TO ADD A REFERENCE LINE

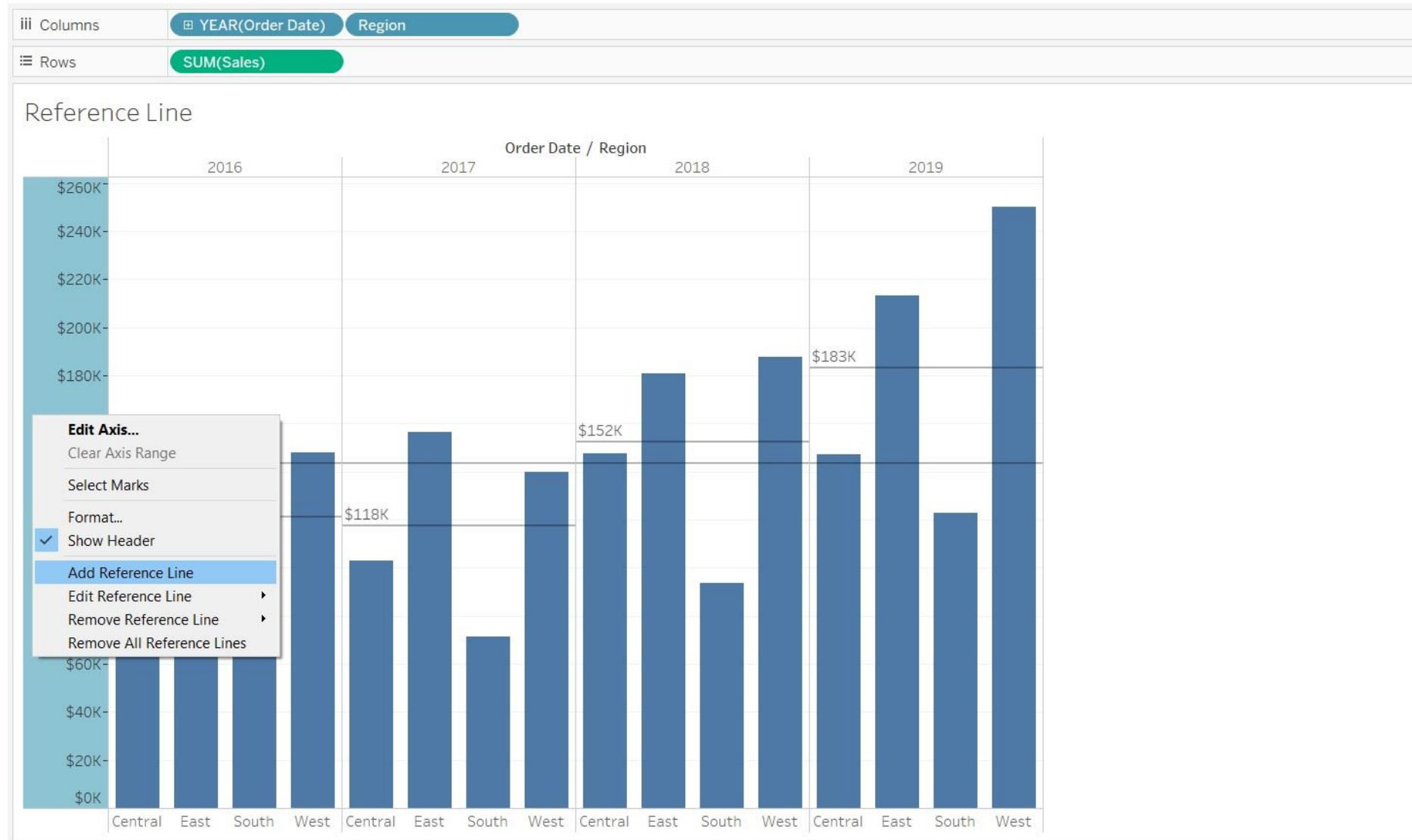
STEP 12: The newly added reference line for Pane scope Average Sales Reference Line is now visible in the view



HOW TO ADD A REFERENCE LINE

STEP 13: There is another method to add a reference line

Right-click on **Sales axis** and select **Add Reference Line**



HOW TO ADD A REFERENCE LINE

STEP 14: Edit Reference Line, Band, or Box dialog box appears

Make the required changes like Table scope Average Reference Line (if required)

Add Reference Line, Band, or Box

Line Band Distribution Box Plot

Scope
☐ Entire Table ☒ Per Pane ☐ Per Cell

Line
Value: SUM(Sales) Average
Label: Computation
Tooltip: Automatic
Line only 95

Formatting
Line:
Fill Above: None
Fill Below: None

☒ Show recalculated line for highlighted or selected data points

OK

Add Reference Line, Band, or Box

Line Band Distribution Box Plot

Scope
☒ Entire Table ☐ Per Pane ☐ Per Cell

Line
Value: SUM(Sales) Average
Label: Computation
Tooltip: Automatic
Line only 95

Formatting
Line:
Fill Above: None
Fill Below: None

☒ Show recalculated line for highlighted or selected data points

OK

Add Reference Line, Band, or Box

Line Band Distribution Box Plot

Scope
☒ Entire Table ☐ Per Pane ☐ Per Cell

Line
Value: SUM(Sales) Minimum
Label: Value
Tooltip: Automatic
Line only 95

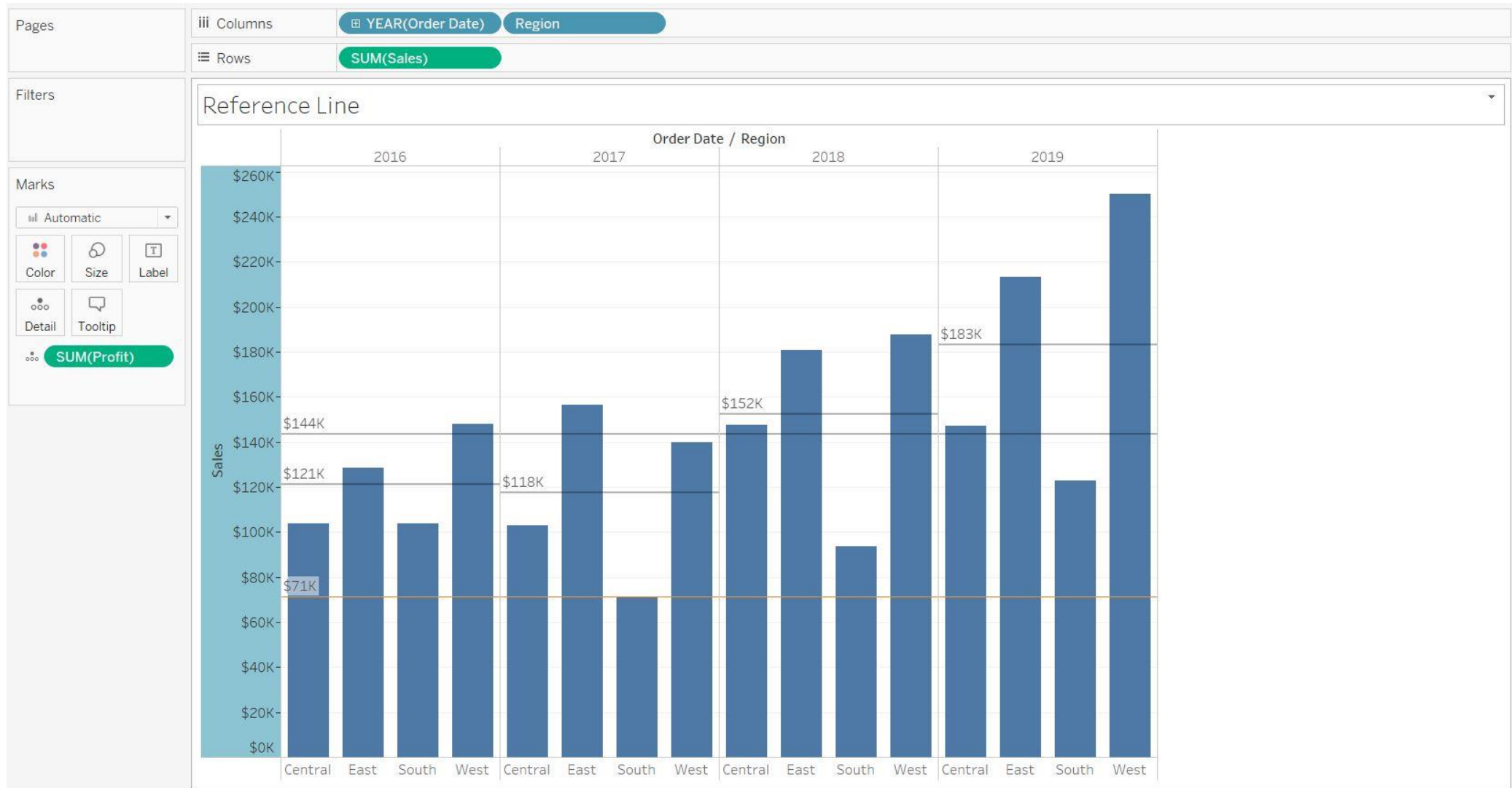
Formatting
Line:
Fill Above: None
Fill Below: None

☒ Show recalculated line for highlighted or selected data points

OK

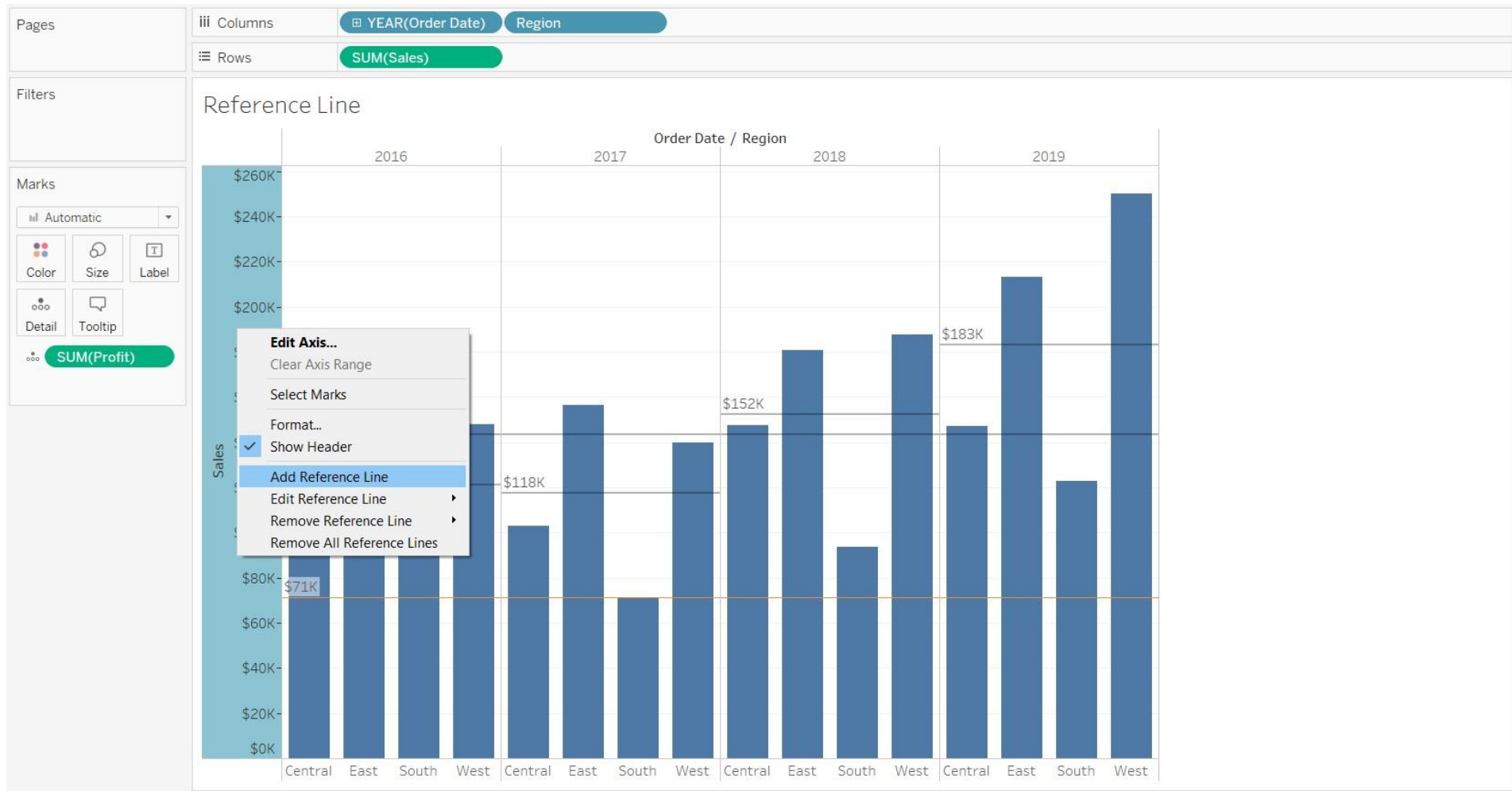
HOW TO ADD A REFERENCE LINE

STEP 15: The newly added reference line for Table scope Minimum Sales Reference Line is now visible in the view



HOW TO ADD A REFERENCE LINE





STEP 16: If required we can add a reference line for any measure that is not present in the axis but is present in **detail** of the **Marks** card e.g.: **Profit**
Right-click on **Sales axis** and select **Add Reference Line**



HOW TO ADD A REFERENCE LINE

STEP 17: Select the **Value** as **SUM(Profit)** from the drop-down

Add Reference Line, Band, or Box ×

 Line  Band  Distribution  Box Plot

Scope

☐ Entire Table ☒ Per Pane ☐ Per Cell

Line

Value:

SUM(Sales)

SUM(Profit)

 Average

Label:

SUM(Sales)

Create a New Parameter

SUM(Profit)

Tooltip: Automatic

Line only 95

Formatting

Line:

Fill Above: None

Fill Below: None





☒ Show recalculated line for highlighted or selected data points

OK

HOW TO ADD A REFERENCE LINE

STEP 18: Click OK

Add Reference Line, Band, or Box ✕

 Line  Band  Distribution  Box Plot

Scope

☐ Entire Table ☒ Per Pane ☐ Per Cell

Line

Value:

Label:

Tooltip:

Formatting

Line:

Fill Above:

Fill Below:

☒ Show recalculated line for highlighted or selected data points

HOW TO ADD A REFERENCE LINE

STEP 19: The newly added reference line for Pane scope Average Profit Reference Line is now visible in the view

