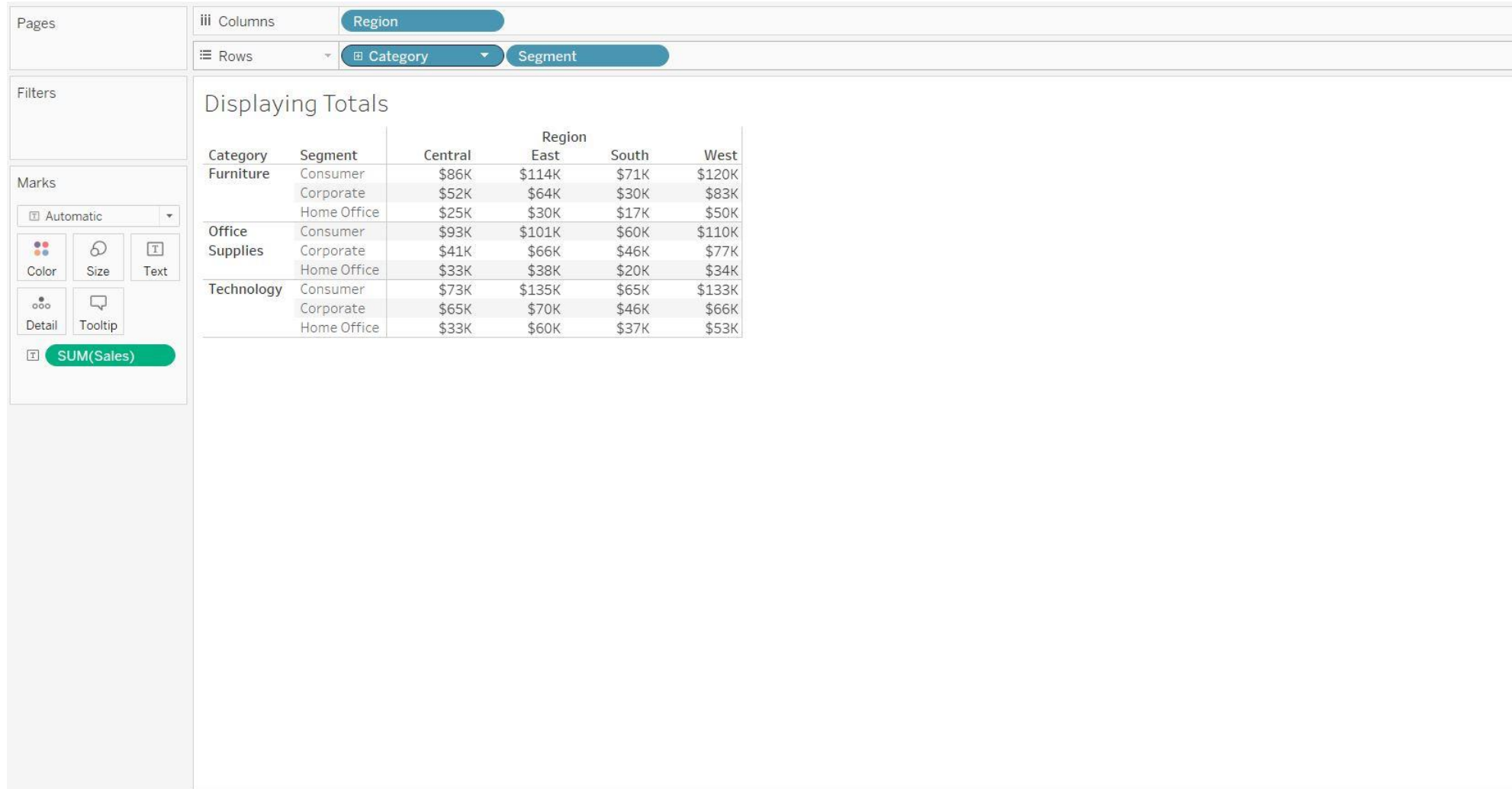


HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 1: Assume that we have a viz with Region Vs Category & Segment



HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 2: From the **Analytics** pane, under **Summarize**, drag **Totals** into the **Add Totals** dialog, and drop it over either the **Row Grand Totals** option

File Data Worksheet Dashboard Story Analysis Map Format Window Help

Analytics

Summarize

- Constant Line
- Average Line
- Median with Quartiles
- Box Plot
- Totals**

Model

- Average with 95% CI
- Median with 95% CI
- Trend Line
- Forecast
- Cluster

Custom

- Reference Line
- Reference Band
- Distribution Band
- Box Plot

Columns: Region

Rows: Category Segment

Displaying Totals

Add Totals

Subtotals Column Grand Totals Row Grand Totals

					West
					\$120K
					\$83K
					\$50K
Office	Consumer	\$93K	\$101K	\$60K	\$110K
Supplies	Corporate	\$41K	\$66K	\$46K	\$77K
	Home Office	\$33K	\$38K	\$20K	\$34K
Technology	Consumer	\$73K	\$135K	\$65K	\$133K
	Corporate	\$65K	\$70K	\$46K	\$66K
	Home Office	\$33K	\$60K	\$37K	\$53K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 3: Now the view will include the **Row Grand Totals**

Pages

Filters

Marks

Automatic

Color

Size

Text

Detail

Tooltip

SUM(Sales)

ColumnsRegion

RowsCategorySegment

Displaying Totals

Category	Segment	Region				Grand Total
		Central	East	South	West	
Furniture	Consumer	\$86K	\$114K	\$71K	\$120K	\$391K
	Corporate	\$52K	\$64K	\$30K	\$83K	\$229K
	Home Office	\$25K	\$30K	\$17K	\$50K	\$122K
Office Supplies	Consumer	\$93K	\$101K	\$60K	\$110K	\$364K
	Corporate	\$41K	\$66K	\$46K	\$77K	\$231K
	Home Office	\$33K	\$38K	\$20K	\$34K	\$124K
Technology	Consumer	\$73K	\$135K	\$65K	\$133K	\$406K
	Corporate	\$65K	\$70K	\$46K	\$66K	\$246K
	Home Office	\$33K	\$60K	\$37K	\$53K	\$183K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 4: From the **Analytics** pane, under **Summarize**, drag **Totals** into the **Add Totals** dialog, and drop it over either the **Column Grand Totals** option

File Data Worksheet Dashboard Story Analysis Map Format Window Help

Analytics

Summarize

- Constant Line
- Average Line
- Median with Quartiles
- Box Plot
- Totals**

Model

- Average with 95% CI
- Median with 95% CI
- Trend Line
- Forecast
- Cluster

Custom

- Reference Line
- Reference Band
- Distribution Band
- Box Plot

Columns: Region

Rows: Category Segment

Filters

Marks

Automatic

Color Size Text

Detail Tooltip

SUM(Sales)

Displaying Totals

Add Totals

Subtotals

Column Grand Totals

Row Grand Totals

					West	Grand Total
					\$120K	\$391K
					\$83K	\$229K
					\$50K	\$122K
Office	Consumer	\$93K	\$101K	\$60K	\$110K	\$364K
Supplies	Corporate	\$41K	\$66K	\$46K	\$77K	\$231K
	Home Office	\$33K	\$38K	\$20K	\$34K	\$124K
Technology	Consumer	\$73K	\$135K	\$65K	\$133K	\$406K
	Corporate	\$65K	\$70K	\$46K	\$66K	\$246K
	Home Office	\$33K	\$60K	\$37K	\$53K	\$183K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 5: Now the view will include the **Column Grand Totals**

Pages

Filters

Marks

Columns

Region

Rows

Category

Segment

Category	Segment	Region				Grand Total
		Central	East	South	West	
Furniture	Consumer	\$86K	\$114K	\$71K	\$120K	\$391K
	Corporate	\$52K	\$64K	\$30K	\$83K	\$229K
	Home Office	\$25K	\$30K	\$17K	\$50K	\$122K
Office	Consumer	\$93K	\$101K	\$60K	\$110K	\$364K
Supplies	Corporate	\$41K	\$66K	\$46K	\$77K	\$231K
	Home Office	\$33K	\$38K	\$20K	\$34K	\$124K
Technology	Consumer	\$73K	\$135K	\$65K	\$133K	\$406K
	Corporate	\$65K	\$70K	\$46K	\$66K	\$246K
	Home Office	\$33K	\$60K	\$37K	\$53K	\$183K
Grand Total		\$501K	\$679K	\$392K	\$725K	\$2,297K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 6: From the **Analytics** pane, under **Summarize**, drag **Totals** into the **Add Totals** dialog, and drop it over **Subtotals**.

File Data Worksheet Dashboard Story Analysis Map Format Window Help

Analytics

Summarize

- Constant Line
- Average Line
- Median with Quartiles
- Box Plot
- Totals**

Model

- Average with 95% CI
- Median with 95% CI
- Trend Line
- Forecast
- Cluster

Custom

- Reference Line
- Reference Band
- Distribution Band
- Box Plot

Columns: Region

Rows: Category Segment

Filters

Marks: Automatic

Color Size Text

Detail Tooltip

SUM(Sales)

Displaying Totals

Add Totals

Subtotals

Column Grand Totals

Row Grand Totals

				West	Grand Total
				\$120K	\$391K
				\$83K	\$229K
				\$50K	\$122K
Office	Consumer	\$93K	\$101K	\$60K	\$110K
Supplies	Corporate	\$41K	\$66K	\$46K	\$77K
	Home Office	\$33K	\$38K	\$20K	\$34K
Technology	Consumer	\$73K	\$135K	\$65K	\$133K
	Corporate	\$65K	\$70K	\$46K	\$66K
	Home Office	\$33K	\$60K	\$37K	\$53K
Grand Total		\$501K	\$679K	\$392K	\$725K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 7: Now the view will include the **Subtotals**

Pages

Filters

Marks

Automatic

ColorSizeText

DetailTooltip

SUM(Sales)

Columns		Region				
Rows		Category		Segment		
Displaying Totals						
		Region				
Category	Segment	Central	East	South	West	Grand Total
Furniture	Consumer	\$86K	\$114K	\$71K	\$120K	\$391K
	Corporate	\$52K	\$64K	\$30K	\$83K	\$229K
	Home Office	\$25K	\$30K	\$17K	\$50K	\$122K
	Total	\$164K	\$208K	\$117K	\$253K	\$742K
Office	Consumer	\$93K	\$101K	\$60K	\$110K	\$364K
Supplies	Corporate	\$41K	\$66K	\$46K	\$77K	\$231K
	Home Office	\$33K	\$38K	\$20K	\$34K	\$124K
	Total	\$167K	\$206K	\$126K	\$221K	\$719K
Technology	Consumer	\$73K	\$135K	\$65K	\$133K	\$406K
	Corporate	\$65K	\$70K	\$46K	\$66K	\$246K
	Home Office	\$33K	\$60K	\$37K	\$53K	\$183K
	Total	\$170K	\$265K	\$149K	\$252K	\$836K
Grand Total		\$501K	\$679K	\$392K	\$725K	\$2,297K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 8: By default, row grand totals and subtotals appear on the right of the view, and column grand totals and subtotals appear at the bottom of the view.

To move row totals to the left of the view:

Select **Analysis > Totals**, and then select **Row Totals to Left**

The screenshot shows the Tableau Desktop interface. The 'Analysis' menu is open, and the 'Totals' option is selected. A sub-menu is displayed, showing 'Row Totals to Left' as the selected option. The background view shows a table with columns for 'Region' (South, West) and 'Grand Total'. The table data is as follows:

	South	West	Grand Total
₹ 71K	₹ 120K	₹ 391K	
₹ 30K	₹ 83K	₹ 229K	
₹ 17K	₹ 50K	₹ 122K	
₹ 117K	₹ 253K	₹ 742K	
₹ 60K	₹ 110K	₹ 364K	
₹ 46K	₹ 77K	₹ 231K	
₹ 20K	₹ 34K	₹ 124K	
₹ 167K	₹ 206K	₹ 126K	₹ 221K
₹ 73K	₹ 135K	₹ 65K	₹ 133K
₹ 65K	₹ 70K	₹ 46K	₹ 66K
₹ 33K	₹ 60K	₹ 37K	₹ 53K
₹ 170K	₹ 265K	₹ 149K	₹ 252K
₹ 501K	₹ 679K	₹ 392K	₹ 725K
			₹ 2,297K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 9: Now the view will show the **Row Grand Totals** on the Left side

Pages

Filters

Marks

Automatic

ColorSizeText

DetailTooltip

SUM(Sales)

ColumnsRegion

RowsCategorySegment

Displaying Totals

Category	Segment	Grand Total	Region			
			Central	East	South	West
Furniture	Consumer	₹ 391K	₹ 86K	₹ 114K	₹ 71K	₹ 120K
	Corporate	₹ 229K	₹ 52K	₹ 64K	₹ 30K	₹ 83K
	Home Office	₹ 122K	₹ 25K	₹ 30K	₹ 17K	₹ 50K
	Total	₹ 742K	₹ 164K	₹ 208K	₹ 117K	₹ 253K
Office Supplies	Consumer	₹ 364K	₹ 93K	₹ 101K	₹ 60K	₹ 110K
	Corporate	₹ 231K	₹ 41K	₹ 66K	₹ 46K	₹ 77K
	Home Office	₹ 124K	₹ 33K	₹ 38K	₹ 20K	₹ 34K
	Total	₹ 719K	₹ 167K	₹ 206K	₹ 126K	₹ 221K
Technology	Consumer	₹ 406K	₹ 73K	₹ 135K	₹ 65K	₹ 133K
	Corporate	₹ 246K	₹ 65K	₹ 70K	₹ 46K	₹ 66K
	Home Office	₹ 183K	₹ 33K	₹ 60K	₹ 37K	₹ 53K
	Total	₹ 836K	₹ 170K	₹ 265K	₹ 149K	₹ 252K
Grand Total		₹ 2,297K	₹ 501K	₹ 679K	₹ 392K	₹ 725K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 10: To move column totals to the top of the view:
Select **Analysis > Totals**, and then select **Column Totals to Top**

The screenshot shows the Tableau interface with the 'Analysis' menu open. The 'Totals' option is selected, and the 'Column Totals to Top' option is highlighted. The background view shows a table with columns for Region (East, South, West) and various sales metrics.

	East	South	West
₹ 114K	₹ 71K	₹ 120K	
₹ 64K	₹ 30K	₹ 83K	
₹ 30K	₹ 17K	₹ 50K	
₹ 208K	₹ 117K	₹ 253K	
₹ 101K	₹ 60K	₹ 110K	
₹ 66K	₹ 46K	₹ 77K	
₹ 38K	₹ 20K	₹ 34K	
₹ 719K	₹ 167K	₹ 206K	₹ 126K
₹ 406K	₹ 73K	₹ 135K	₹ 65K
₹ 246K	₹ 65K	₹ 70K	₹ 46K
₹ 183K	₹ 33K	₹ 60K	₹ 37K
₹ 836K	₹ 170K	₹ 265K	₹ 149K
₹ 2,297K	₹ 501K	₹ 679K	₹ 392K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 11: Now the view will show the **Column Totals** on Top

Pages

Filters

Marks

Automatic

ColorSizeText

DetailTooltip

SUM(Sales)

ColumnsRegion

RowsCategorySegment

Displaying Totals

		Region				
Category	Segment	Grand Total	Central	East	South	West
Furniture	Total	₹ 2,297K	₹ 501K	₹ 679K	₹ 392K	₹ 725K
	Consumer	₹ 742K	₹ 164K	₹ 208K	₹ 117K	₹ 253K
	Corporate	₹ 391K	₹ 86K	₹ 114K	₹ 71K	₹ 120K
	Home Office	₹ 229K	₹ 52K	₹ 64K	₹ 30K	₹ 83K
Office Supplies	Total	₹ 122K	₹ 25K	₹ 30K	₹ 17K	₹ 50K
	Consumer	₹ 719K	₹ 167K	₹ 206K	₹ 126K	₹ 221K
	Corporate	₹ 364K	₹ 93K	₹ 101K	₹ 60K	₹ 110K
	Home Office	₹ 231K	₹ 41K	₹ 66K	₹ 46K	₹ 77K
Technology	Total	₹ 124K	₹ 33K	₹ 38K	₹ 20K	₹ 34K
	Consumer	₹ 836K	₹ 170K	₹ 265K	₹ 149K	₹ 252K
	Corporate	₹ 406K	₹ 73K	₹ 135K	₹ 65K	₹ 133K
	Home Office	₹ 246K	₹ 65K	₹ 70K	₹ 46K	₹ 66K
		₹ 183K	₹ 33K	₹ 60K	₹ 37K	₹ 53K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 12: When totals are turned on in the visualization (either grand totals, subtotals, or both), we can specify how totals should be computed.

For example, we can choose to calculate totals using a sum, average, minimum, or maximum.

For this case Select **Analysis > Totals > Total All Using > Average**

The screenshot shows the Tableau Desktop interface. The 'Analysis' menu is open, and the path 'Totals > Total All Using > Average' is selected. The background visualization is a pivot table with 'Region' as columns and various metrics as rows. The 'Average' option is highlighted in the 'Total All Using' submenu.

	East	South	West
Sum	₹ 679K	₹ 392K	₹ 725K
Minimum	₹ 208K	₹ 117K	₹ 253K
Maximum	₹ 114K	₹ 71K	₹ 120K
Average	₹ 64K	₹ 30K	₹ 83K
Count	₹ 30K	₹ 17K	₹ 50K
Count Distinct	₹ 206K	₹ 126K	₹ 221K
Count of [Field]	₹ 231K	₹ 41K	₹ 60K
Count of [Field]	₹ 124K	₹ 33K	₹ 46K
Count of [Field]	₹ 836K	₹ 170K	₹ 20K
Count of [Field]	₹ 406K	₹ 73K	₹ 65K
Count of [Field]	₹ 246K	₹ 65K	₹ 46K
Count of [Field]	₹ 183K	₹ 33K	₹ 37K

HOW TO DISPLAY TOTALS IN A VISUALIZATION

STEP 13: Now the totals shown in the view are average of all values that we see in the view, and not on the disaggregated date in the data source

Pages

Filters

Marks

Columns

Rows

Region

Category

Segment

Category	Segment	Grand Total	Region			
			Central	East	South	West
Grand Total		₹ 64K	₹ 56K	₹ 75K	₹ 44K	₹ 81K
Furniture	Total	₹ 62K	₹ 55K	₹ 69K	₹ 39K	₹ 84K
	Consumer	₹ 98K	₹ 86K	₹ 114K	₹ 71K	₹ 120K
	Corporate	₹ 57K	₹ 52K	₹ 64K	₹ 30K	₹ 83K
	Home Office	₹ 30K	₹ 25K	₹ 30K	₹ 17K	₹ 50K
Office	Total	₹ 60K	₹ 56K	₹ 69K	₹ 42K	₹ 74K
Supplies	Consumer	₹ 91K	₹ 93K	₹ 101K	₹ 60K	₹ 110K
	Corporate	₹ 58K	₹ 41K	₹ 66K	₹ 46K	₹ 77K
	Home Office	₹ 31K	₹ 33K	₹ 38K	₹ 20K	₹ 34K
	Total	₹ 70K	₹ 57K	₹ 88K	₹ 50K	₹ 84K
Technology	Consumer	₹ 102K	₹ 73K	₹ 135K	₹ 65K	₹ 133K
	Corporate	₹ 62K	₹ 65K	₹ 70K	₹ 46K	₹ 66K
	Home Office	₹ 46K	₹ 33K	₹ 60K	₹ 37K	₹ 53K
	Total	₹ 210K	₹ 171K	₹ 306K	₹ 148K	₹ 252K