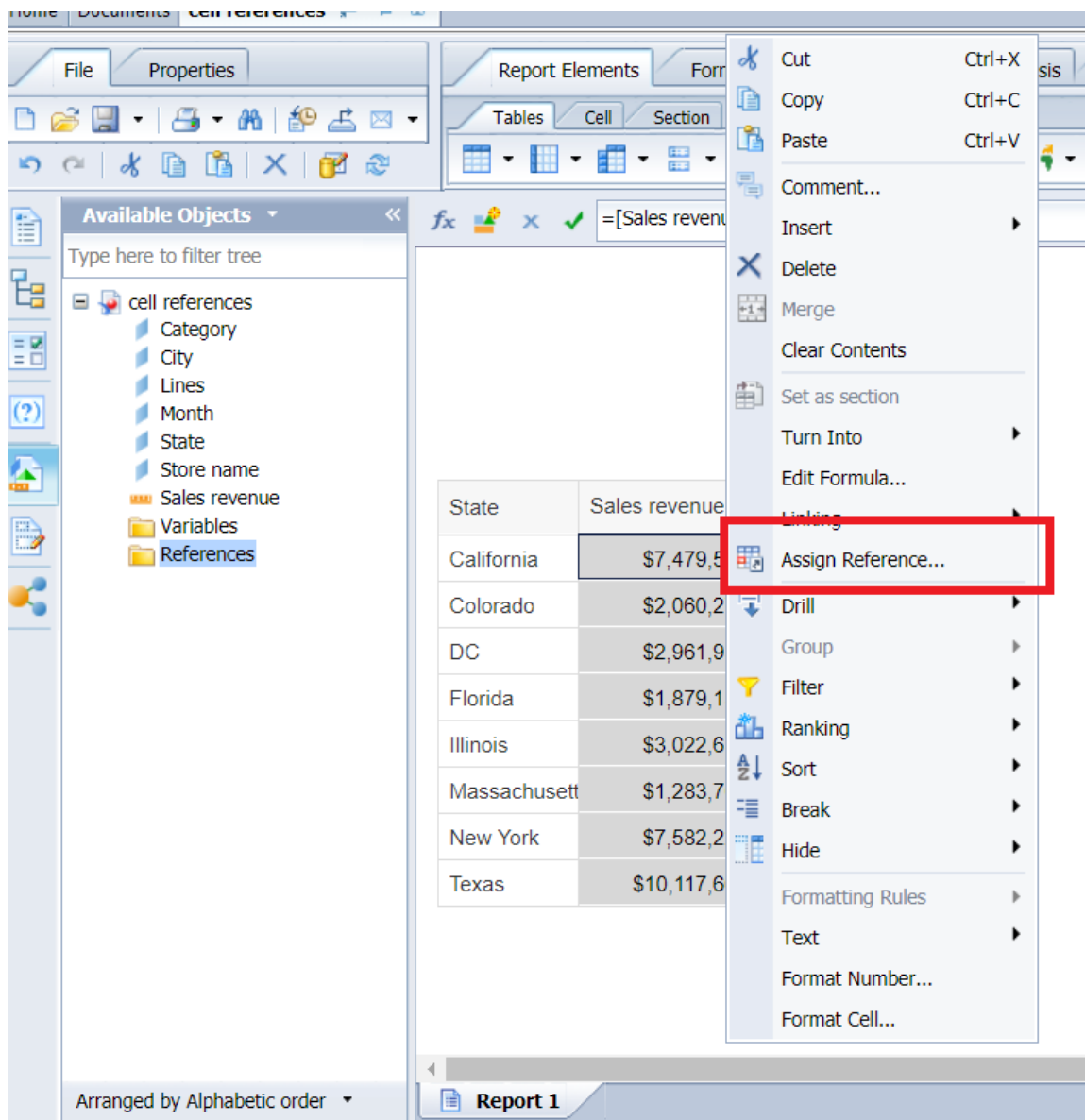


Cell References

Cell references allow you to store the value of a cell in any report in your Web Intelligence Document and use it elsewhere. This can be useful if you want to repeatedly use value from an object in your report in another area.

In this example below, we use a reference to show sales by State in comparison to sales in California. The image shows a report with the State and Sales Revenue in a table.

1. We right click on the Sales Revenue number for California and select Assign Reference



The screenshot shows the SAP Business Intelligence Web Intelligence interface. On the left, the 'Available Objects' pane lists various objects, including 'Sales revenue'. The main area displays a table with columns 'State' and 'Sales revenue'. The 'Sales revenue' for California is highlighted, and a context menu is open over it. The 'Assign Reference...' option is highlighted with a red box.

State	Sales revenue
California	\$7,479,5
Colorado	\$2,060,2
DC	\$2,961,9
Florida	\$1,879,1
Illinois	\$3,022,6
Massachusett	\$1,283,7
New York	\$7,582,2
Texas	\$10,117,6

2. We enter attributes of the cell reference (Name and Description) as shown below and click OK.

Report 1

State	Sales revenue
California	\$7,479,569
Colorado	\$2,060,275
DC	\$2,961,950
Florida	\$1,879,159
Illinois	\$3,022,658
Massachusett	\$1,283,707
New York	\$7,582,221
Texas	\$10,117,664

Assign Reference

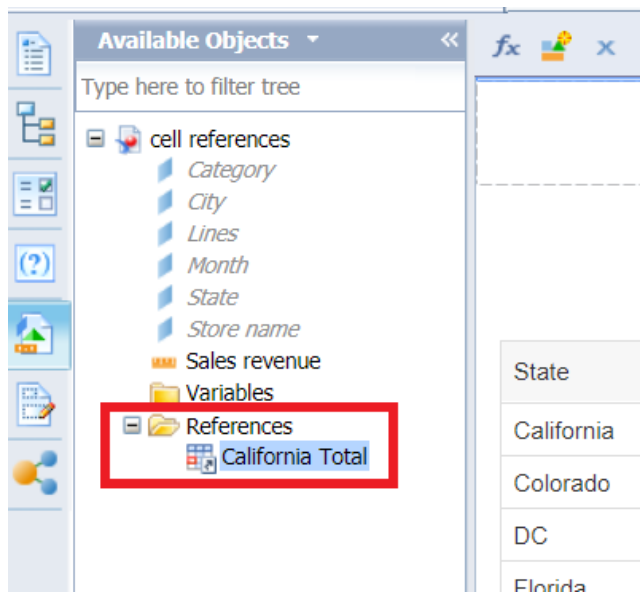
Create a new reference for this cell

Name:

Description:

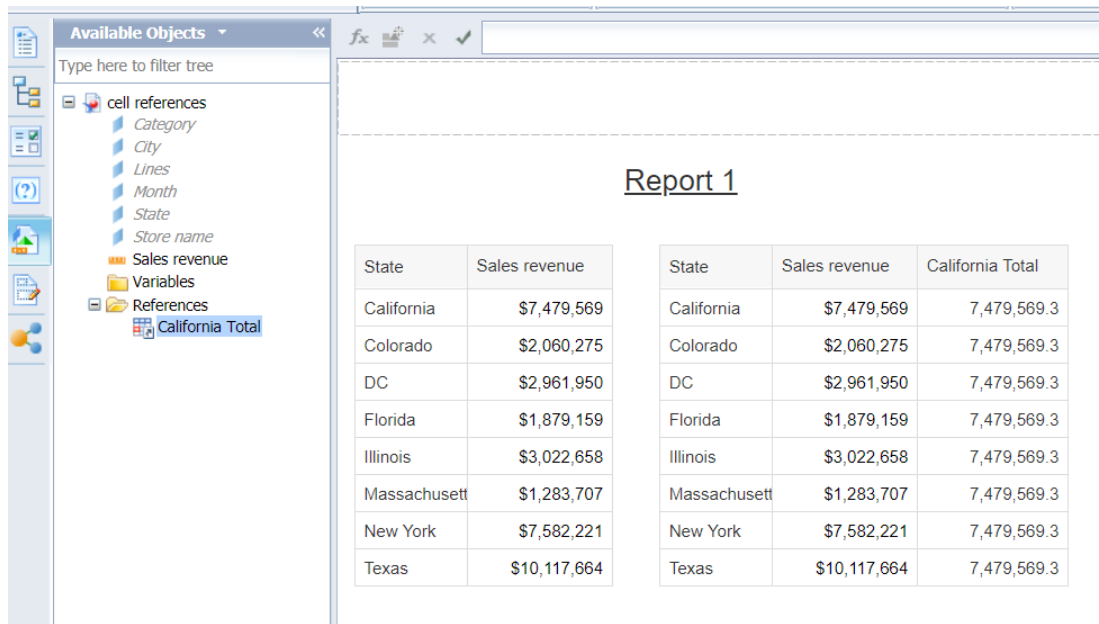
Assign an existing reference to this cell

3. The new cell reference (California Total) is available in the list objects under References.



The screenshot shows the 'Available Objects' pane on the left. Under the 'References' folder, 'California Total' is listed. The right pane shows a table with 'State' and 'California' visible.

4. Next, we add another table to the report as shown below with State, Sales Revenue and the California Total reference object. The cell reference object is added like any other object by dragging and dropping it where we want.



Available Objects

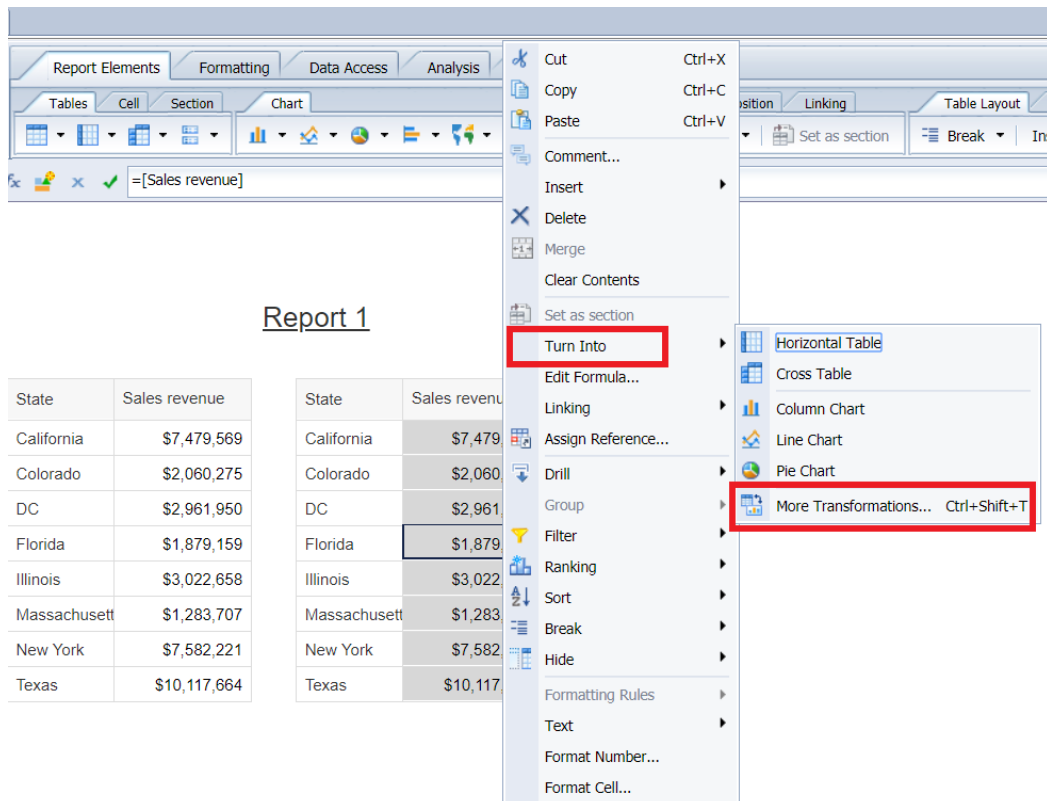
- cell references
 - Category
 - City
 - Lines
 - Month
 - State
 - Store name
 - Sales revenue
 - Variables
 - References
 - California Total

Report 1

State	Sales revenue
California	\$7,479,569
Colorado	\$2,060,275
DC	\$2,961,950
Florida	\$1,879,159
Illinois	\$3,022,658
Massachusetts	\$1,283,707
New York	\$7,582,221
Texas	\$10,117,664

State	Sales revenue	California Total
California	\$7,479,569	7,479,569.3
Colorado	\$2,060,275	7,479,569.3
DC	\$2,961,950	7,479,569.3
Florida	\$1,879,159	7,479,569.3
Illinois	\$3,022,658	7,479,569.3
Massachusetts	\$1,283,707	7,479,569.3
New York	\$7,582,221	7,479,569.3
Texas	\$10,117,664	7,479,569.3

- This new table could be used for comparing Sales by State to California, but a graphical representation is better. To draw that we right click anywhere on the table on the right and select Turn Into and More Transformations.



Report 1

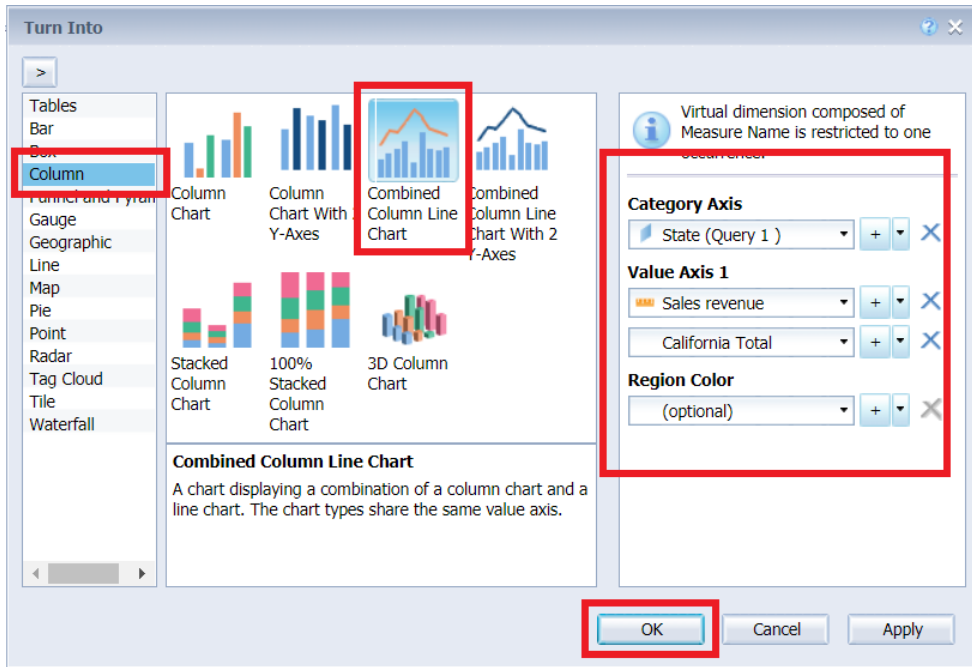
State	Sales revenue
California	\$7,479,569
Colorado	\$2,060,275
DC	\$2,961,950
Florida	\$1,879,159
Illinois	\$3,022,658
Massachusetts	\$1,283,707
New York	\$7,582,221
Texas	\$10,117,664

State	Sales revenue
California	\$7,479,569
Colorado	\$2,060,275
DC	\$2,961,950
Florida	\$1,879,159
Illinois	\$3,022,658
Massachusetts	\$1,283,707
New York	\$7,582,221
Texas	\$10,117,664

Context Menu:

- Cut (Ctrl+X)
- Copy (Ctrl+C)
- Paste (Ctrl+V)
- Comment...
- Insert
- Delete
- Merge
- Clear Contents
- Set as section
- Turn Into**
 - Horizontal Table
 - Cross Table
 - Column Chart
 - Line Chart
 - Pie Chart
 - More Transformations...** (Ctrl+Shift+T)
- Edit Formula...
- Linking
- Assign Reference...
- Drill
- Group
- Filter
- Ranking
- Sort
- Break
- Hide
- Formatting Rules
- Text
- Format Number...
- Format Cell...

- We select the Column Chart of type “Combined Column Line Chart”. The Category Axis is State, and the two value fields are the Sales Revenue by State (column) and the California Total reference object (line).



- The final visual is below, showing the comparison functionality the cell reference has provided us.

State	Sales revenue
California	\$7,479,569
Colorado	\$2,060,275
DC	\$2,961,950
Florida	\$1,879,159
Illinois	\$3,022,658
Massachusetts	\$1,283,707
New York	\$7,582,221
Texas	\$10,117,664

Sales revenue and California Total by State

