



Page 1 – Web Intelligence – Working with Charts

The following lesson contains screenshots of the actual BusinessObjects 4.1 application, with text and narration explaining how to use BusinessObjects to perform certain functions.

Please ensure that you are currently sitting at a computer that has sound playing capabilities and that the speakers are turned up to an acceptable volume.

When the narration has finished on a page, please press the [spacebar] to continue. If you would like to review a page, press the [backspace] key.

Create a Chart

Adding charts to Web Intelligence reports allows you to visualize the data.
In this tutorial, you will insert a pie chart in a report.



CPA Business Intelligence

Page 2 – Create a Chart

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SAP BusinessObjects
Web Intelligence

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Create a Chart

CPA Business Intelligence

Welcome: ABC3774 | Applications ▾ | Help menu ▾ | Log off

Let's insert a pie chart in the report that shows sales revenue by state.

Type here to filter tree
 SalesByQuarter
 Quarter
 State
 Store name
 Year
 Sales revenue
 Variables
 Sales Tax

Report Elements Formatting Data Access Analysis Page Setup Reading ▾ Design ▾

Tables Cell Section **Chart** Other Tools Position Linking

Turn Into ▾ Set as section

Sales Revenue by Quarter

California

Store name	Year	Quarter	Sales Tax
e-Fashion Los Angeles	2004	Q1	\$308,928
e-Fashion Los Angeles	2004	Q2	\$252,558
e-Fashion Los Angeles	2004	Q3	\$232,327
e-Fashion Los Angeles	2004	Q4	\$188,824
e-Fashion Los Angeles	2005	Q1	\$398,860
e-Fashion Los Angeles	2005	Q2	\$303,980


Click near the top of the window to highlight the invisible report panel.

Page 3 – Create a Chart for Sales Revenue by State

Let's insert a pie chart in the report that shows sales revenue by state.

Click near the top of the window to highlight the invisible report panel.

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Home Documents SalesByQuarter

SalesByQuarter

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Report Elements Formatting Data Access Analysis Page Setup

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Tables Cell Section Chart Other

Tools Position Linking

Turn Into Set as section

Type here to filter tree

SalesByQuarter

- Quarter
- State
- Store name
- Year
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- Variables
- Sales Tax

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Click and drag the panel by this handle to expand it downward.

Page 4 – Create a Chart for Sales Revenue by State (continued)

Click and drag the panel by this handle to expand it downward.

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Create a Chart

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SalesByQuarter

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Tables

Cell

Section

Chart

Other

Tools

Position

Linking

Turn Into ▾

Set as section

Available Objects ▾

Type here to filter tree

SalesByQuarter

Quarter

State

Store name

Year

Sales revenue

Variables

Sales Tax

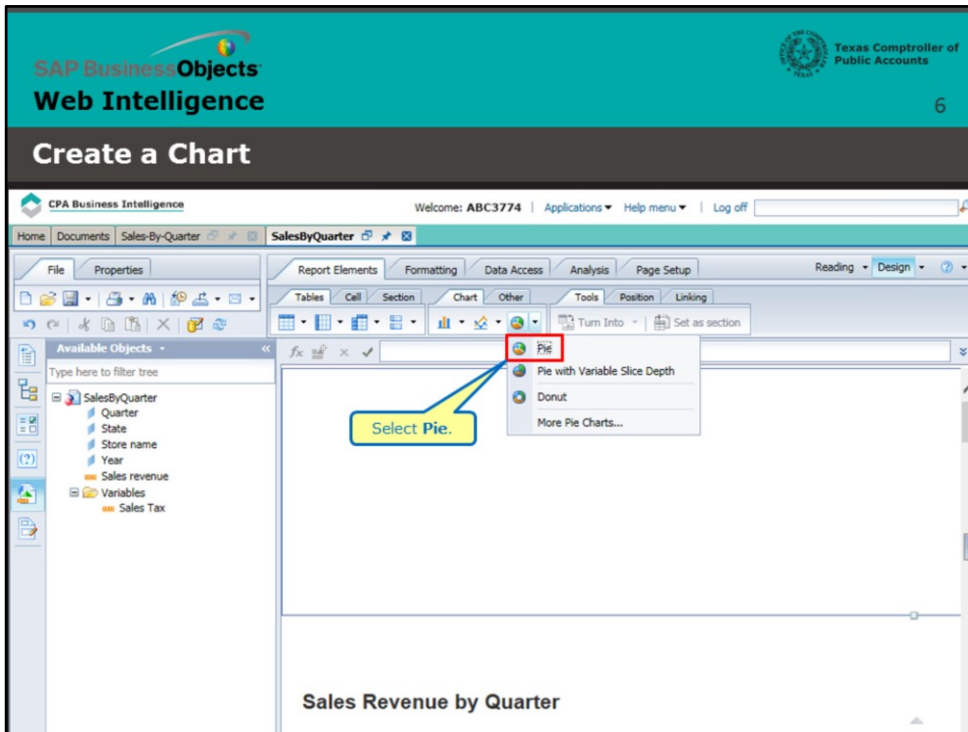
Sales Revenue by Quarter
California

Store name	Year	Quarter	Sales Tax
e-Fashion Los Angeles	2004	Q1	\$308,928
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e-Fashion Los Angeles	2005	Q1	\$398,860
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Select the **Chart** list.

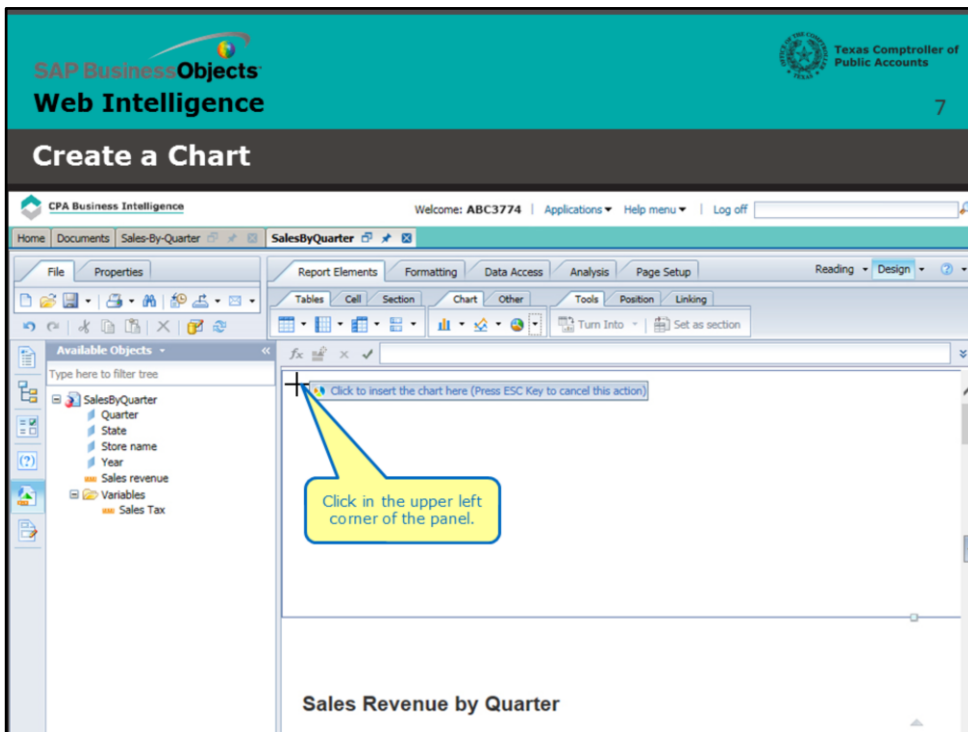
Page 5 – Create a Chart for Sales Revenue by State (continued)

Elect the **Chart** list.



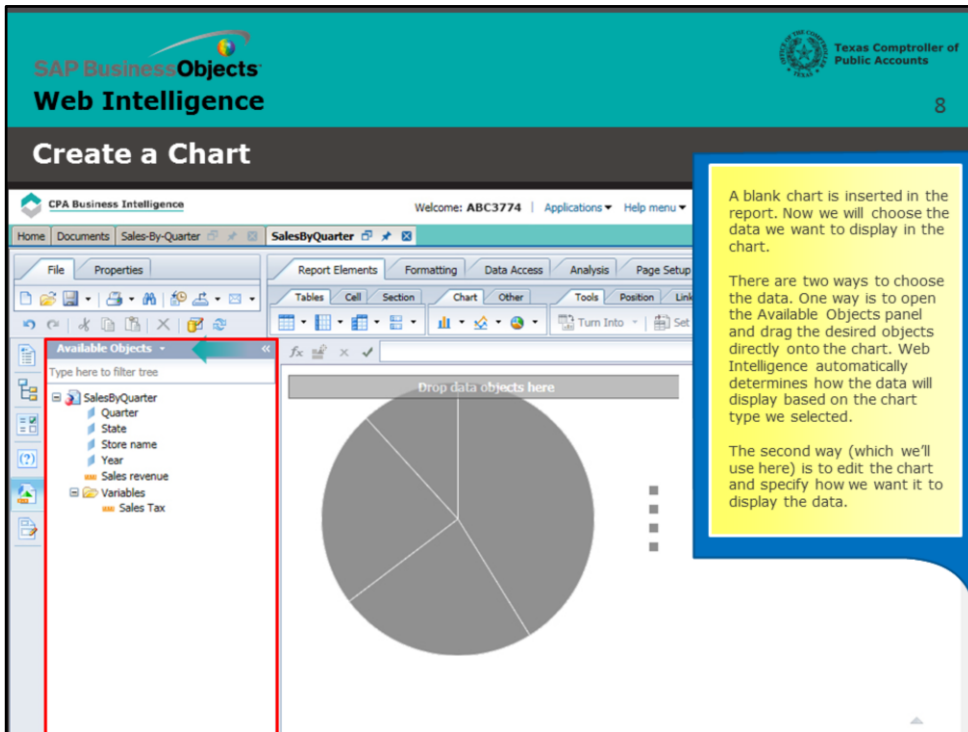
Page 6 – Create a Chart for Sales Revenue by State (continued)

Select **Pie**.



Page 7 – Create a Chart for Sales Revenue by State (continued)

Click in the upper left corner of the panel.

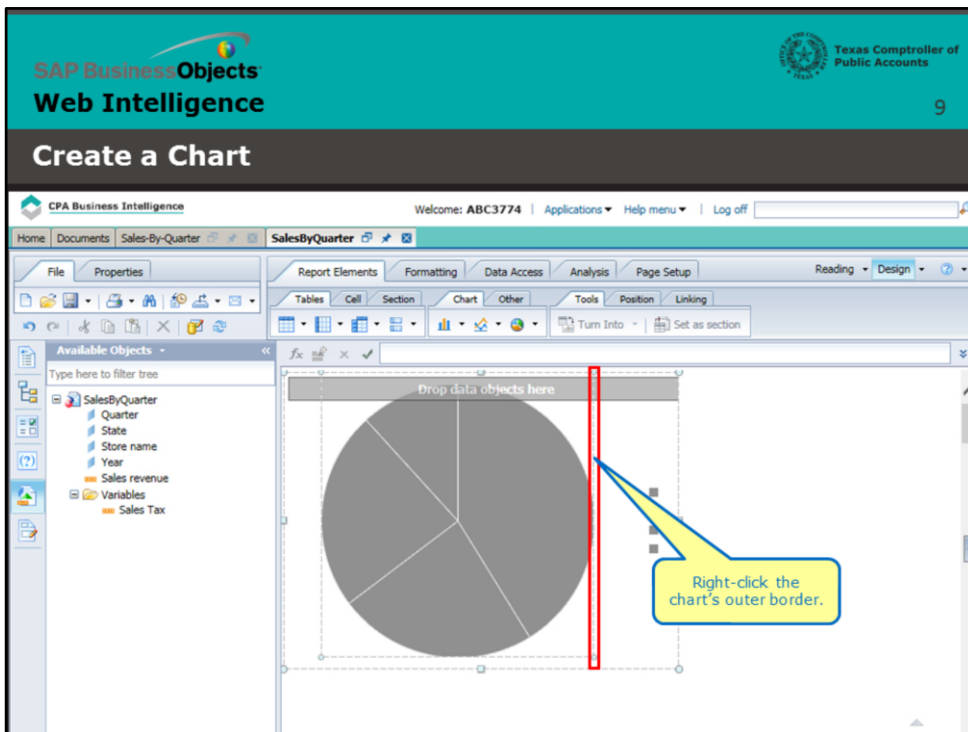


Page 8 – Assign Data to the Chart

A blank chart is inserted in the report. Now we will choose the data we want to display in the chart.

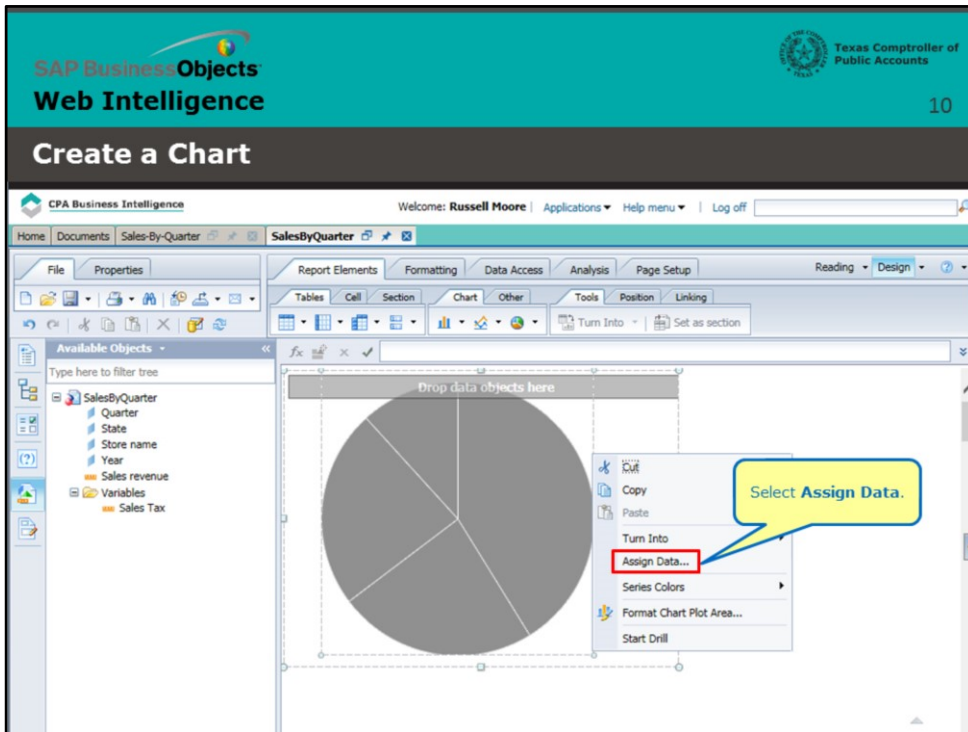
There are two ways to choose the data. One way is to open the Available Objects panel and drag the desired objects directly onto the chart. Web Intelligence automatically determines how the data will display based on the chart type we selected.

The second way (which we'll use here) is to edit the chart and specify how we want it to display the data.



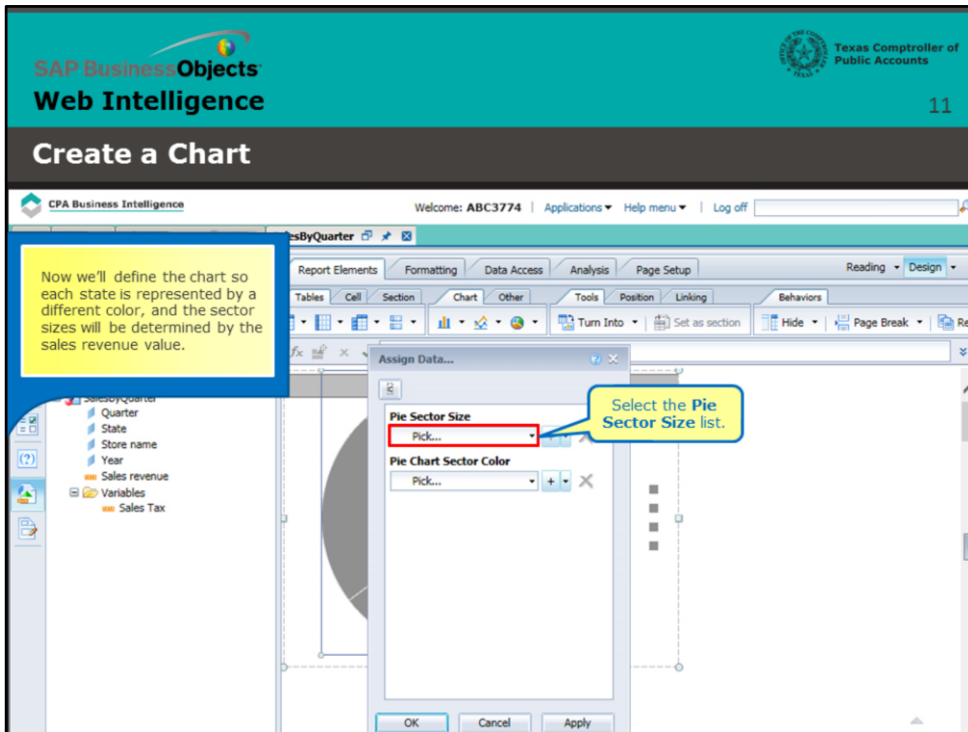
Page 9 – Assign Data to the Chart (continued)

Right-click the chart's outer border.



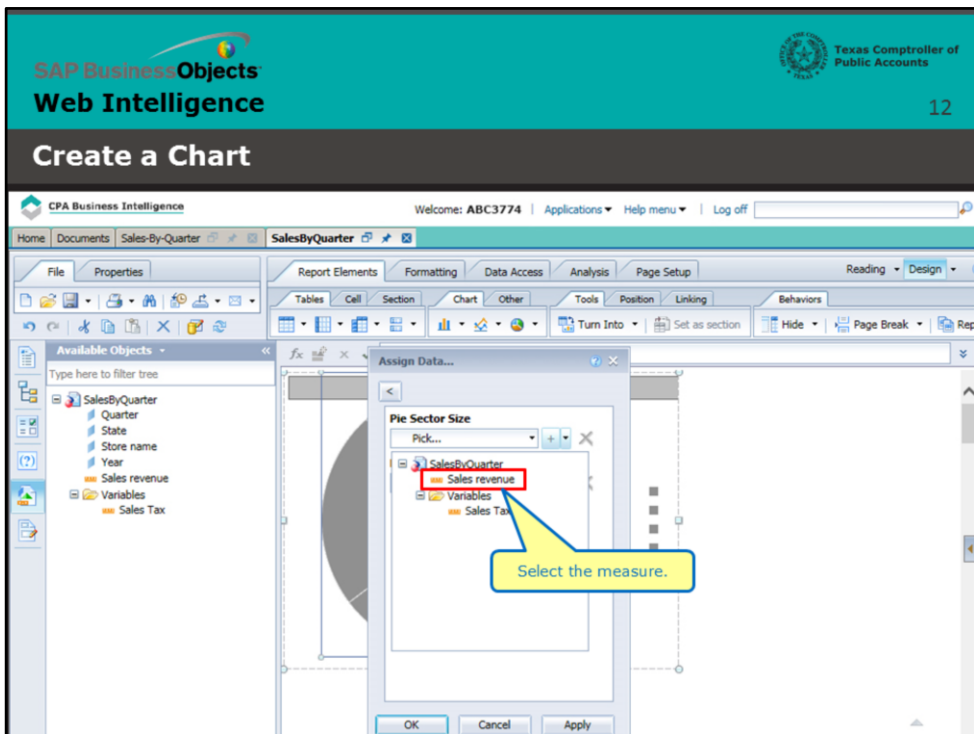
Page 10 – Assign Data to the Chart (continued)

Select **Assign Data**.



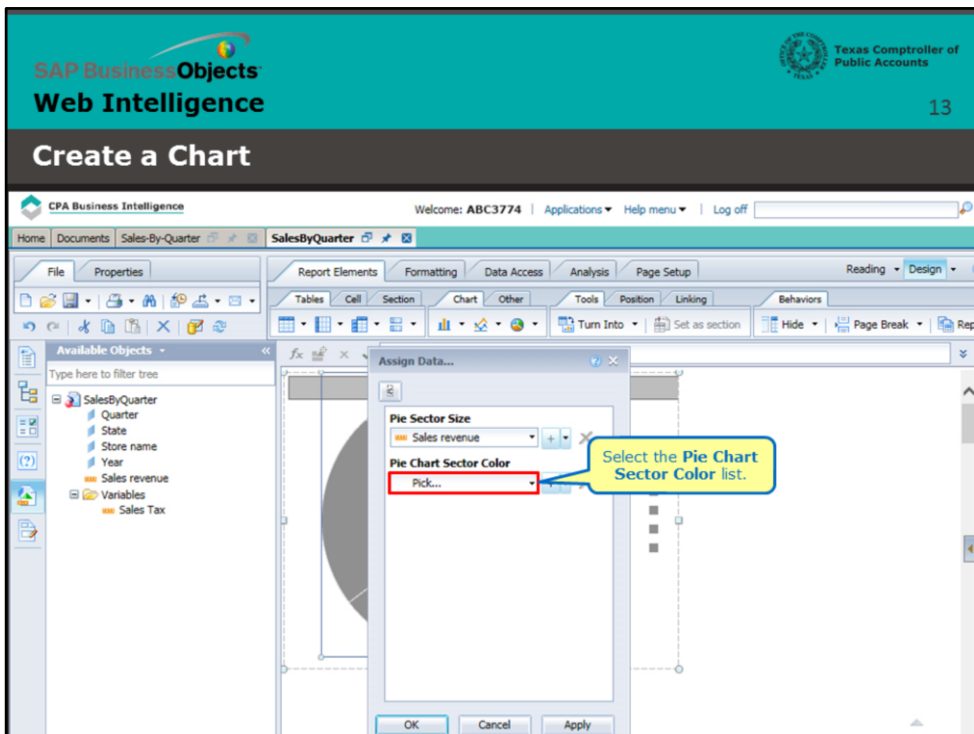
Page 11 – Customize the Pie Sectors

Now we'll define the chart so each state is represented by a different color, and the sector sizes will be determined by the sales revenue value.



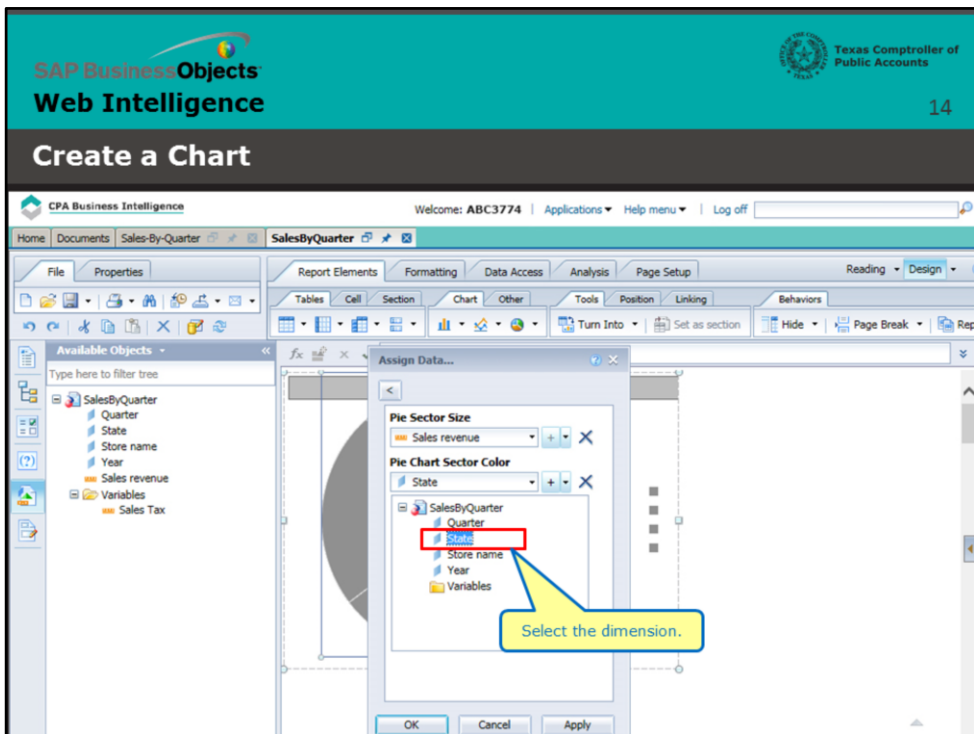
Page 12 – Customize the Pie Sectors (continued)

Select the measure.



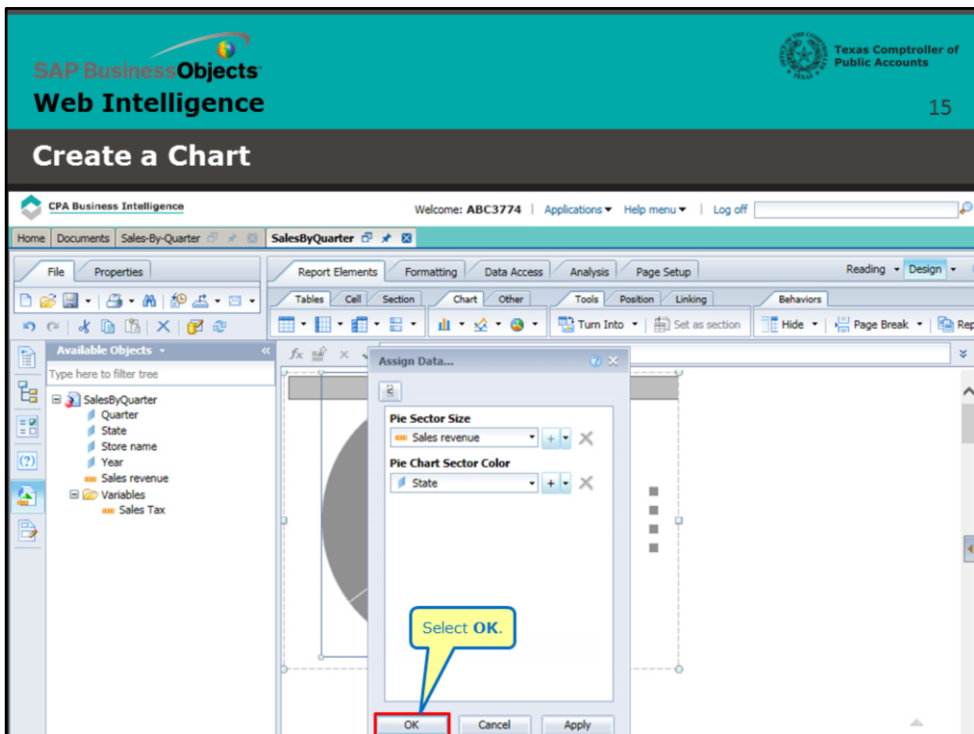
Page 13 – Customize the Pie Sectors (continued)

Select the **Pie Chart Sector Color** list.



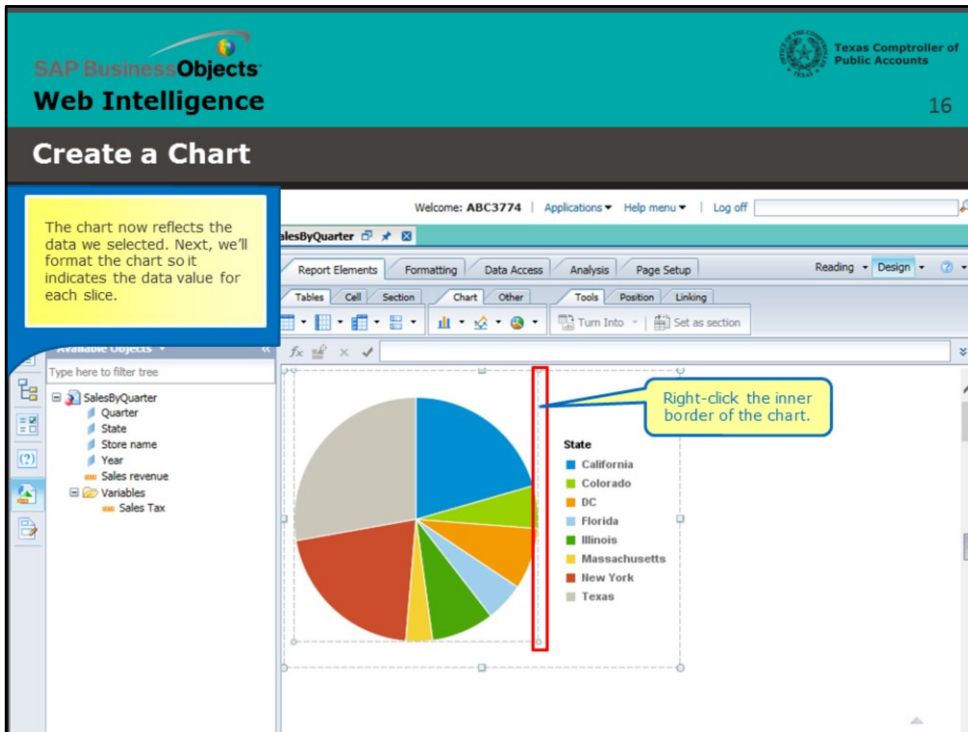
Page 14 – Customize the Pie Sectors (continued)

Select the dimension.



Page 15 – Customize the Pie Sectors (continued)

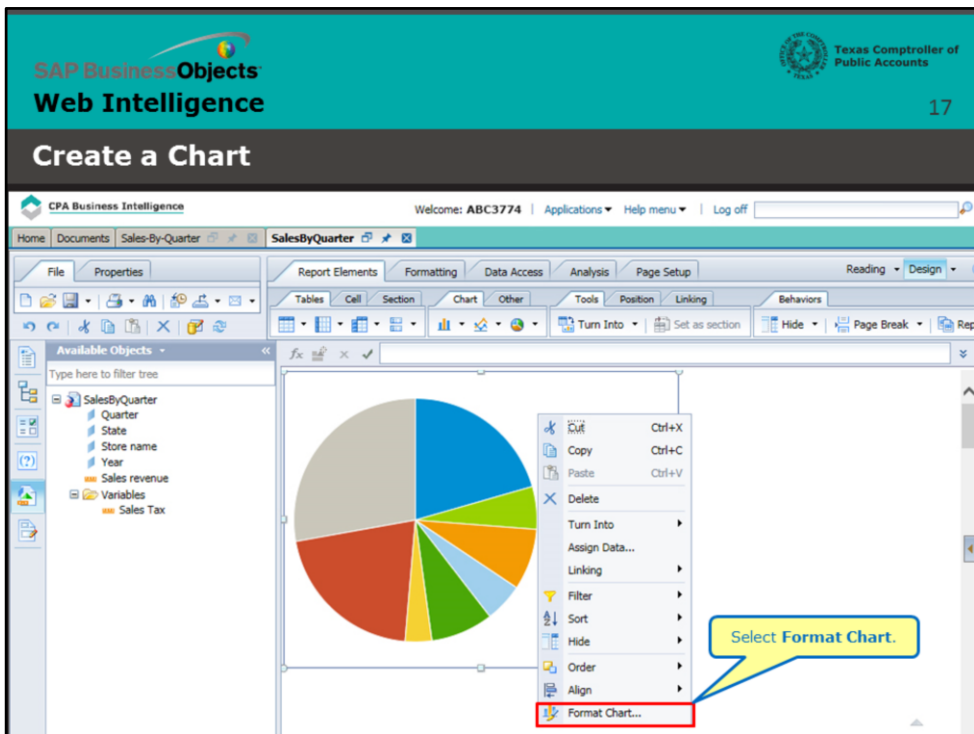
Select **OK**.



Page 16 – Show Data Values in the Sectors

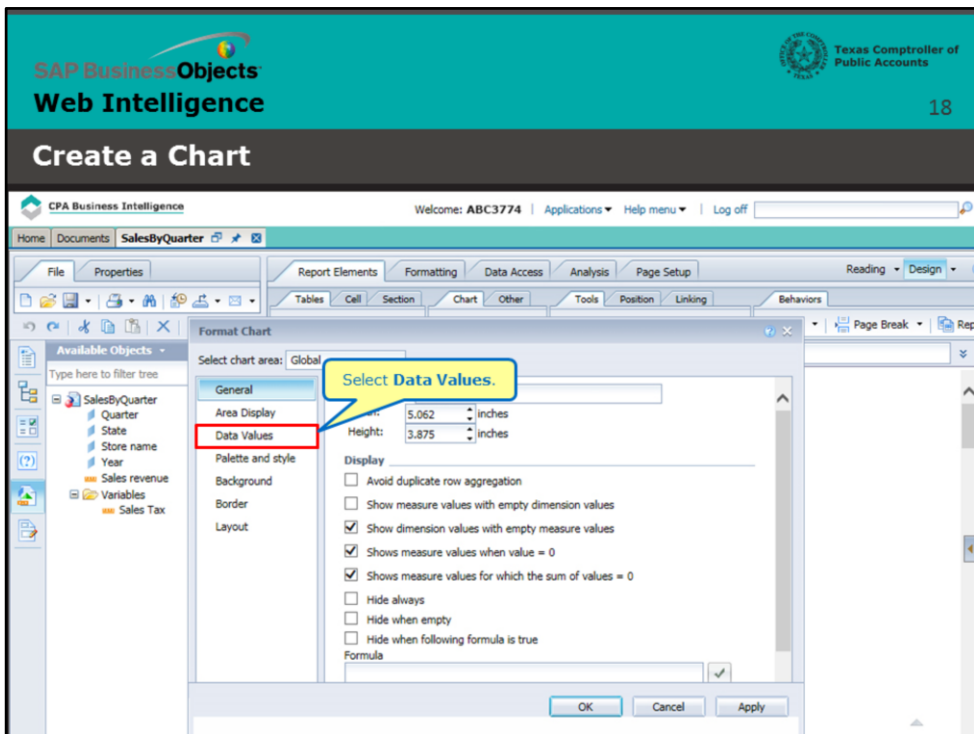
The chart now reflects the data we selected. Next, we'll format the chart so it indicates the data value for each slice.

Right-click the inner border of the chart.



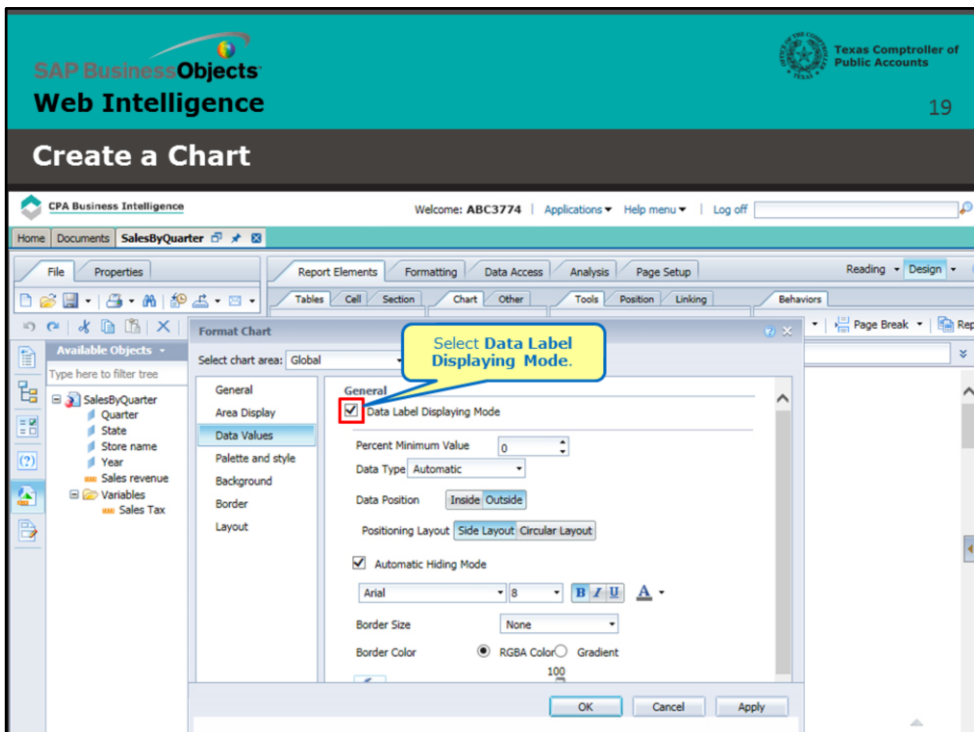
Page 17 – Show Data Values in the Sectors (continued)

Select **Format Chart**.



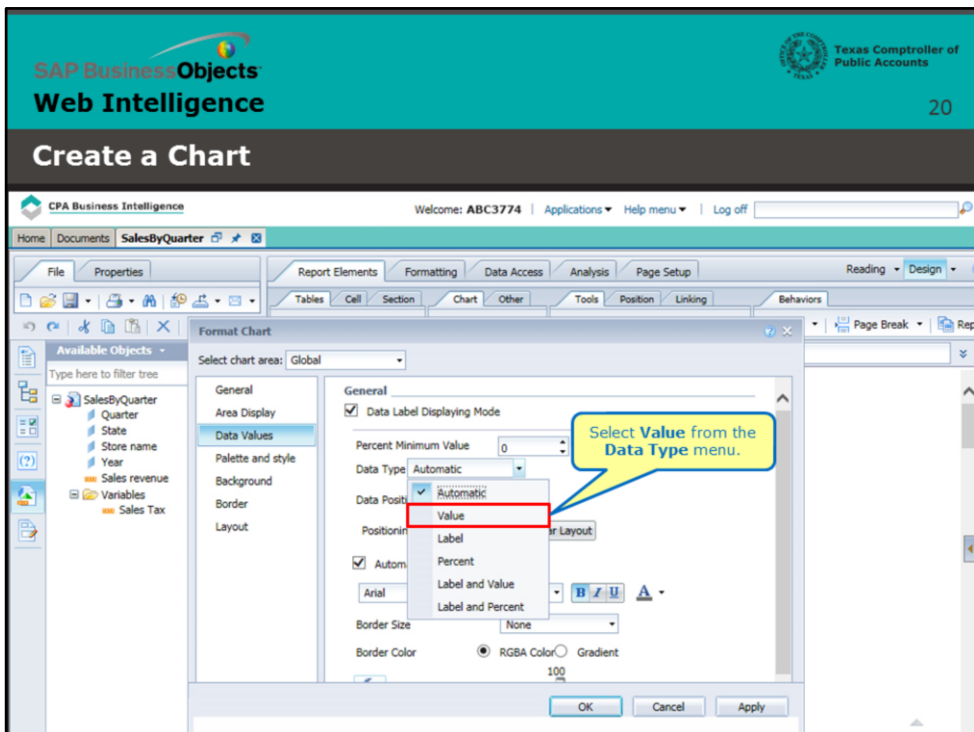
Page 18 – Show Data Values in the Sectors (continued)

Select **Data Values**.



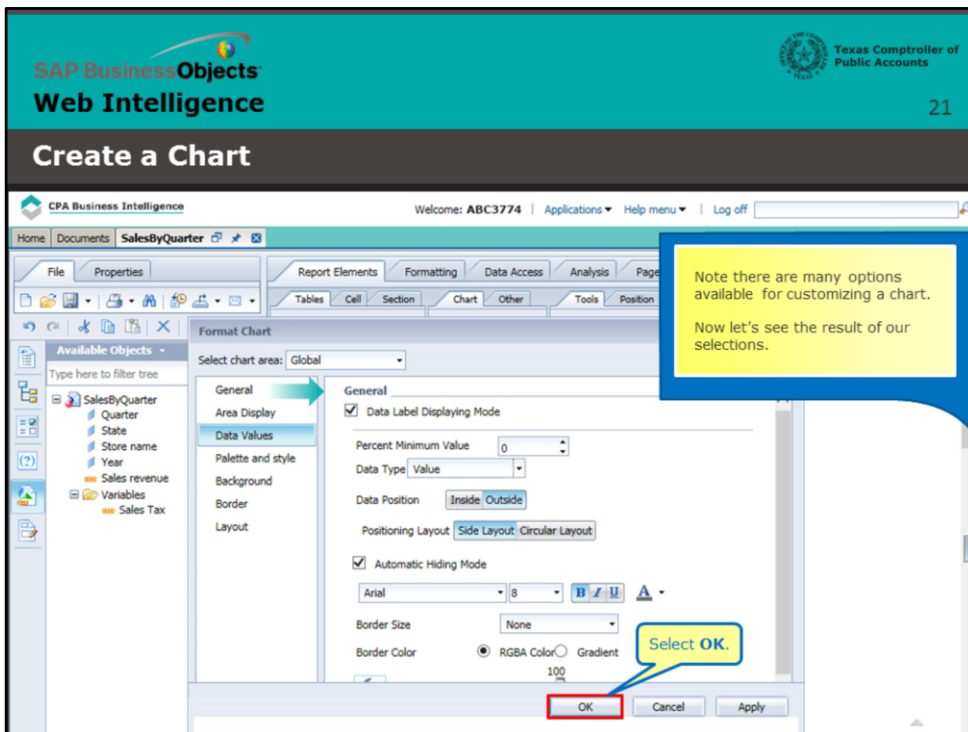
Page 19 – Show Data Values in the Sectors (continued)

Select **Data Label Displaying Mode**.



Page 20 – Show Data Values in the Sectors (continued)

Select **Value** from the **Data Type** menu.

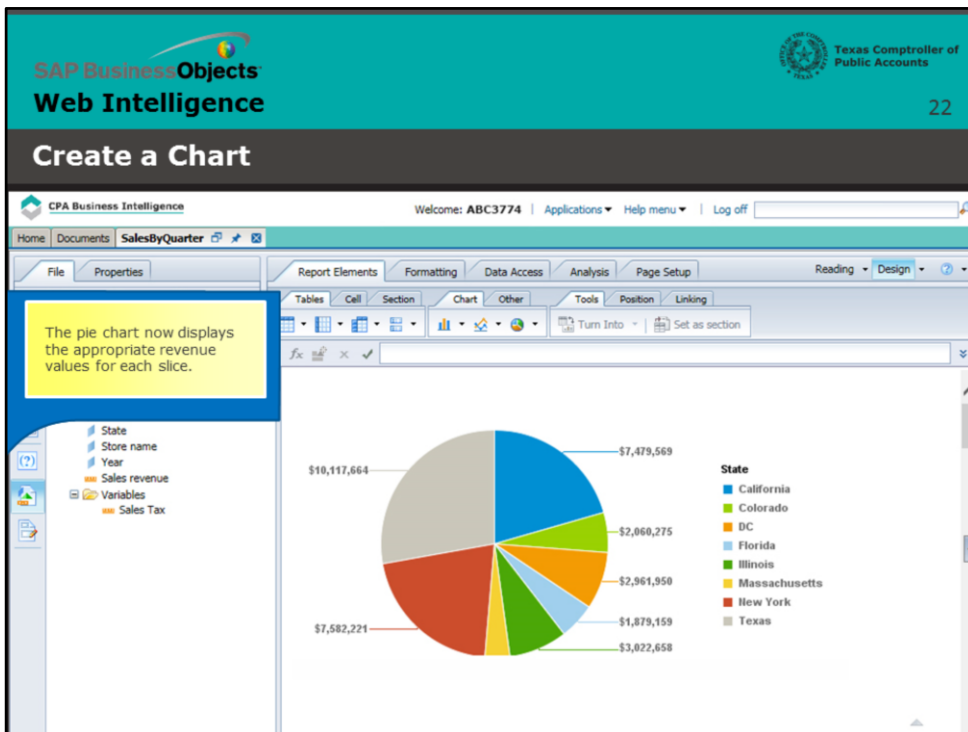


Page 21 – Other Options Available

Note there are many options available for customizing a chart.

Now let's see the result of our selections.

Select **OK**.



Page 22 – The End Result

The pie chart now displays the appropriate revenue values for each slice.


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Create a Chart

This concludes this lesson.

Additional Tutorials

CPA Business Intelligence

Page 23 - Conclusion

This concludes this lesson.

For more BusinessObjects 4.1 tutorials, select the link below.

Additional Tutorials