



CPA Business Intelligence



SAP BusinessObjects™



OFFICE OF THE COMPTROLLER
TEXAS

Web Intelligence - Selecting, Sorting, Grouping and Summarizing Data

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.

Note: If you prefer a PDF version of this tutorial please follow the link below.

[View PDF Version](#)



Page 1 – Web Intelligence - Selecting, Sorting, Grouping and Summarizing Data

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Select a Subset of Data Based on Multiple Filters

Web Intelligence enables you to take advantage of predefined filters to restrict the results of your query. A predefined query filter is an object created by the designer within a universe, and displays in the list of objects like other dimension, detail, and measure objects. In this tutorial, you will filter the results of your query based on results from a specific time period, using a predefined filter.



Page 2 – Select a Subset of Data Based on Multiple Filters

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Select a Subset of Data Based on Multiple Features

CPA Business Intelligence Welcome: ABC3774 | Applications | Help menu | Log off

Home Documents SalesByQuarter

In this example, we'll filter a query based on results from a Christmas holiday period using a predefined filter.

Select the **Data Access** tab.

SalesByQuarter

General

Type: Web Intelligence document
 Author: rmoo150
 Creation date: August 8, 2016 2:14:05 PM G
 Locale: English (United States)
 Description:
 Keywords:

Statistics

Last refresh date: August 9, 2016 10:45:06 05:00
 Last modified: August 11, 2016 6:16:25 05:00

Sales Revenue by Quarter

State	Store name	Sales revenue
California	e-Fashion Los Angeles	\$4,220,929
California	e-Fashion San Francisco	\$3,258,641
Colorado	e-Fashion Colorado Springs	\$2,060,275
DC	e-Fashion Washington Tolbooth	\$2,961,950
Florida	e-Fashion Miami Sundance	\$1,879,159
Illinois	e-Fashion Chicago 33rd	\$3,022,658
Massachusetts	e-Fashion Boston Newbury	\$1,283,707
New York	e-Fashion New York 5th	\$2,960,367

Page 3 – Select a Subset of Data Based on Multiple Filters

In this example, we'll filter a query based on results from a Christmas holiday period using a predefined filter.

Select the **Data Access** tab.

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Select a Subset of Data Based on Multiple Features

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Home | Documents | SalesByQuarter

File | Properties | Report Elements | Formatting | Data Access | Analysis | Page Setup | Reading | Design

Data Providers | Data Objects | Edit | Purge | Refresh | New Variable | Merge

Document Summary | SalesByQuarter

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Select Edit.

Page 4 – Begin Filtering the Data

Select **Edit**.

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Select a Subset of Data Based on Multiple Features

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Home | Documents | SalesByQuarter

Formatting | Data Access | Analysis | Page Setup | Reading | Design

Run Query | Close

Result Objects

Store name | Year | Quarter | Sales revenue

Query Filters

Holiday period

Data Preview

Refresh

New York | e-Fashion New York: 5th | \$2,960,367

To add a predefined filter, we need to insert it into the **Query Filters** panel.

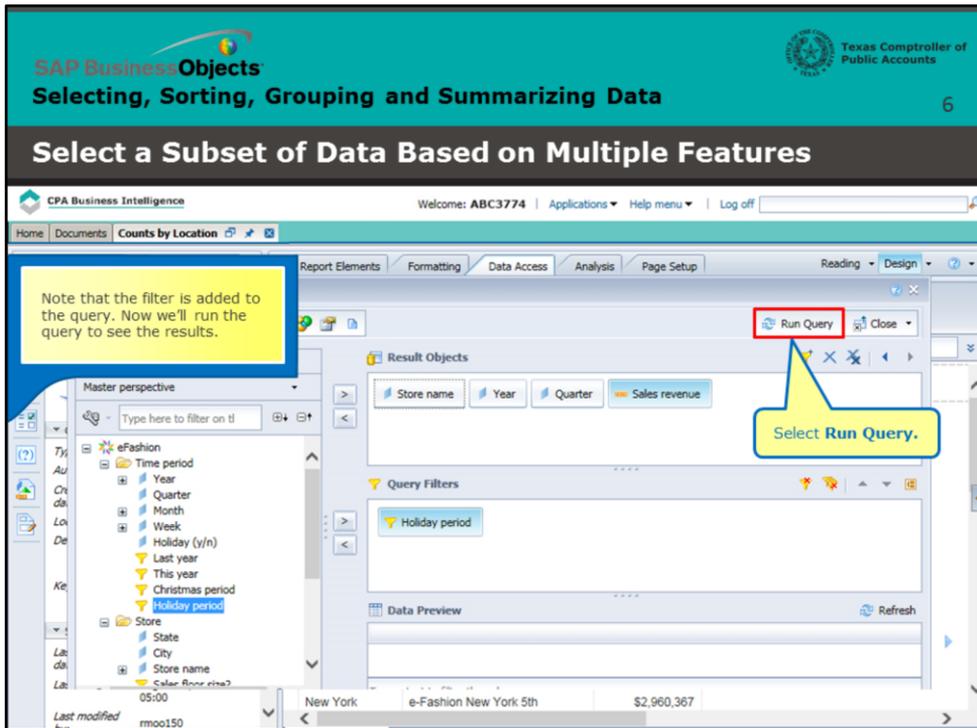
Choose the object and use the Add arrow to add it to the Query Filters panel. Or click and drag the object to the panel.

Holiday period

Page 5 – Insert a Filter into the Query Filters Panel

To add a predefined filter, we need to insert it into the **Query Filters** panel.

Choose the object and use the Add arrow to add it to the Query Filters panel. Or click and drag the object to the panel.



Page 6 – Insert a Filter into the Query Filters Panel (continued)

Note that the filter is added to the query. Now we'll run the query to see the results.

Select **Run Query**.

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Select a Subset of Data Based on Multiple Features

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Home | Documents | SalesByQuarter

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

Data Providers | Data Objects | Edit | Purge | Refresh | New Variable | Merge

With the filter applied, only revenue values which comprise the Christmas period are shown.

SalesByQuarter

- Quarter
- Store name
- Year
- Sales revenue
- Variables

Last modified rmo0150

Sales Revenue by Quarter

Store name	Sales revenue
e-Fashion Austin	\$361,739
e-Fashion Boston Newbury	\$314,202
e-Fashion Chicago 33rd	\$384,573
e-Fashion Colorado Springs	\$271,731
e-Fashion Dallas	\$250,246
e-Fashion Houston	\$387,496
e-Fashion Houston Leighton	\$392,669
e-Fashion Los Angeles	\$526,028

Page 7 – See the Filtered Results

With the filter applied, only revenue values which comprise the Christmas period are shown.

Select a Subset of Data Based on Multiple Filters

This concludes this lesson.

[Additional Tutorials](#)

Page 8 - Conclusion

This concludes this lesson.

For more BusinessObjects 4.1 tutorials, select the link below.

[Additional Tutorials](#)