

Oracle BI 11g Reports and Dashboards

Action Links and Conditions

PEAK
indicators

Action Links and Conditions

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Action Links and Conditions

Action Links

Action Links

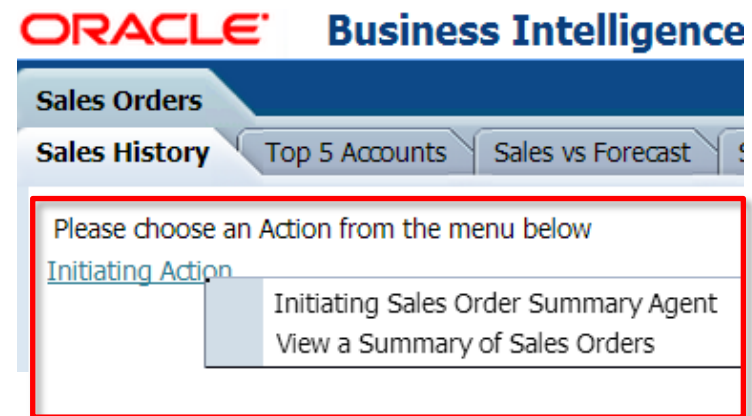
Overview

- As well as placing Analyses on Dashboard Pages, it is also possible to place:
 - Action Links
 - Action Link Menus (A menu containing multiple Action Links)

Action Link



Action Link Menu

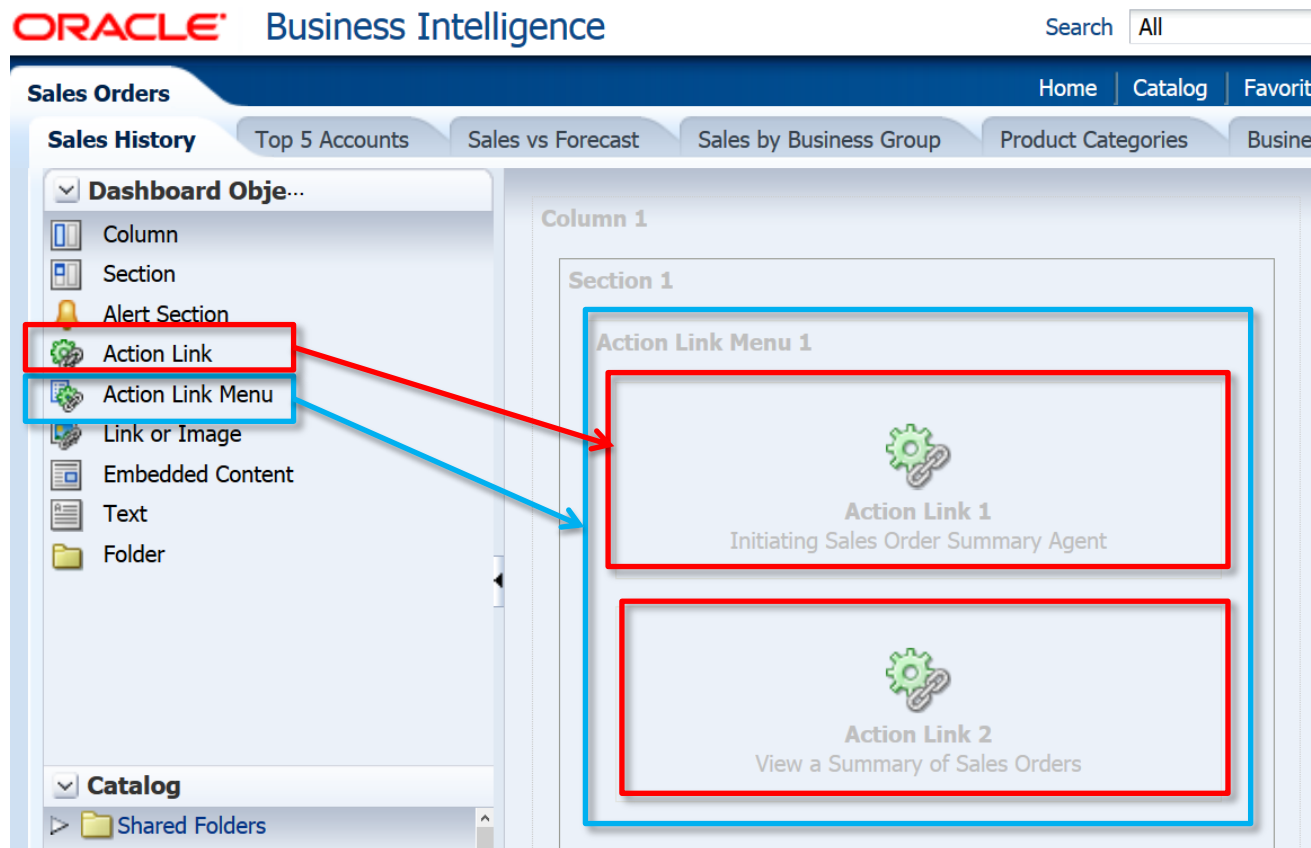


- These features are very useful:
 - You can link to other Analyses without having to always display them
 - The links can be configured to appear conditionally, so they can be used for alerting

Action Links

Dashboards and Objects

- There are two Dashboard Objects available for placing Action Links and Action Link Menus onto a Dashboard Page:



Action Links

Individual Action Links

- Action Links are easy to configure:

The screenshot illustrates the configuration of an Action Link in the Oracle Business Intelligence interface. The top part shows the 'Action Link Properties' dialog box with the following fields:

- Link Text:** View a Summary of Sales Orders
- Caption:** (empty)
- Action:** Sales Order Summary
- Show Link:** Always (selected), Conditionally (unselected)

Annotations with red callouts explain the configuration:

- Text to display on the Dashboard Page:** Points to the 'Link Text' field.
- Show Link Always or Conditionally (see following section):** Points to the 'Show Link' radio buttons.
- Create a new "in-line" Action or choose an existing "named" Action:** Points to the 'Action' dropdown menu.

The bottom part of the screenshot shows the Oracle Business Intelligence dashboard. The 'Sales Orders' tab is selected, and the 'View a Summary of Sales Orders' link is highlighted in the 'Sales History' section. Below the link, there is a 'Choose Your Filters' section with a 'Year' dropdown menu set to '--Select Value--'.

Action Links

Action Links Menus

- Action Link Menus are also simple to configure:

The image shows the configuration of an Action Link Menu in Oracle Business Intelligence. The top part is a screenshot of the 'Action Link Menu Properties' dialog box. It has a 'Menu Label' field set to 'Inititate Action' and a 'Caption' field set to 'Please choose an Action from the menu below'. Below these is a table of 'Action Links'.

Link Text	Action	Show Link
Initiate Sales Order Summary Agent	Insert into OBIEE_RESULTS	Always
View a Summary of Sales Orders	Sales Order Summary	Always

A red callout box points to the 'Always' value in the 'Show Link' column, stating: 'Links can also be Conditional if required'. The bottom part of the image shows the 'Sales Orders' section of the Oracle Business Intelligence interface. The 'Sales History' tab is selected, and a red arrow points from the 'Inititate Action' menu label in the dialog box to the 'Inititate Action' link in the 'Sales History' menu. The menu is titled 'Please choose an Action from the menu below' and contains the same two links as the table in the dialog box.



Action Links and Conditions Conditions

Conditions

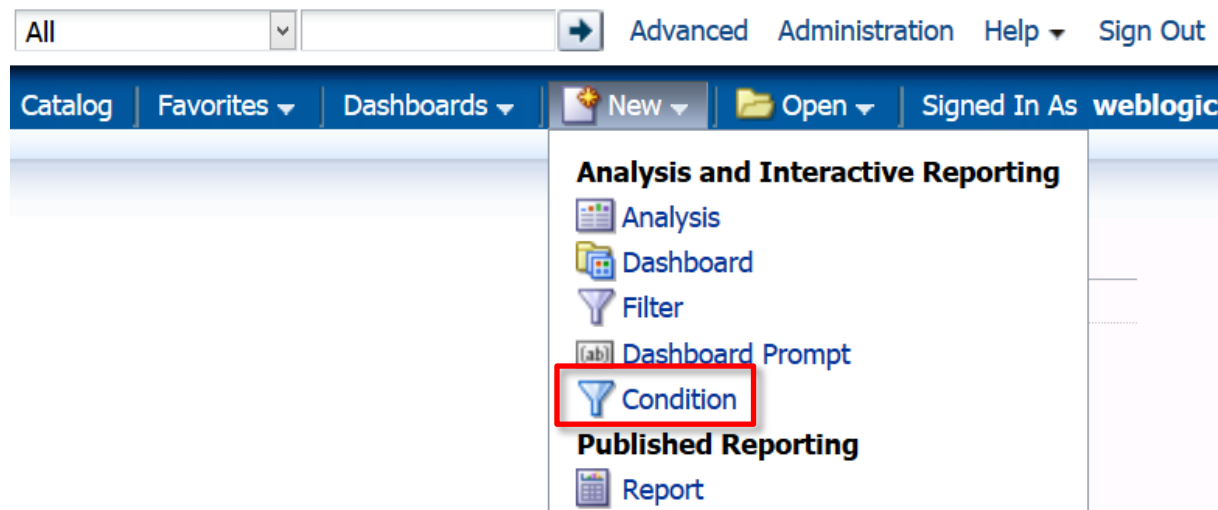
Overview

- Conditions are objects that return a single Boolean value based on the evaluation of an Analysis or of a Key Performance Indicator (KPI).
- What a condition evaluates depends on whether it is based on an Analysis or on a KPI:
 - For an analysis, it evaluates the row count of the analysis
 - For a KPI, it evaluates the status of the KPI
- For example, a condition might evaluate whether the results of an Analysis return a number of rows greater than 0:
 - If the analysis returns at least one row, then the condition evaluates to true
 - If the analysis does not return any rows, then the condition evaluates to false
- You use conditions to determine whether:
 - Agents deliver their content and execute their actions
 - Actions links (which when clicked run actions) are displayed in dashboard pages
 - Sections and their content are displayed in dashboard pages

Conditions

Creating Conditions

- Conditions can be created as re-usable objects:



- Or you can create “inline” Conditions:
 - If you want to use a Condition only once, you can define it directly within a Dashboard Page or Agent. These inline Conditions are not re-usable

Conditions

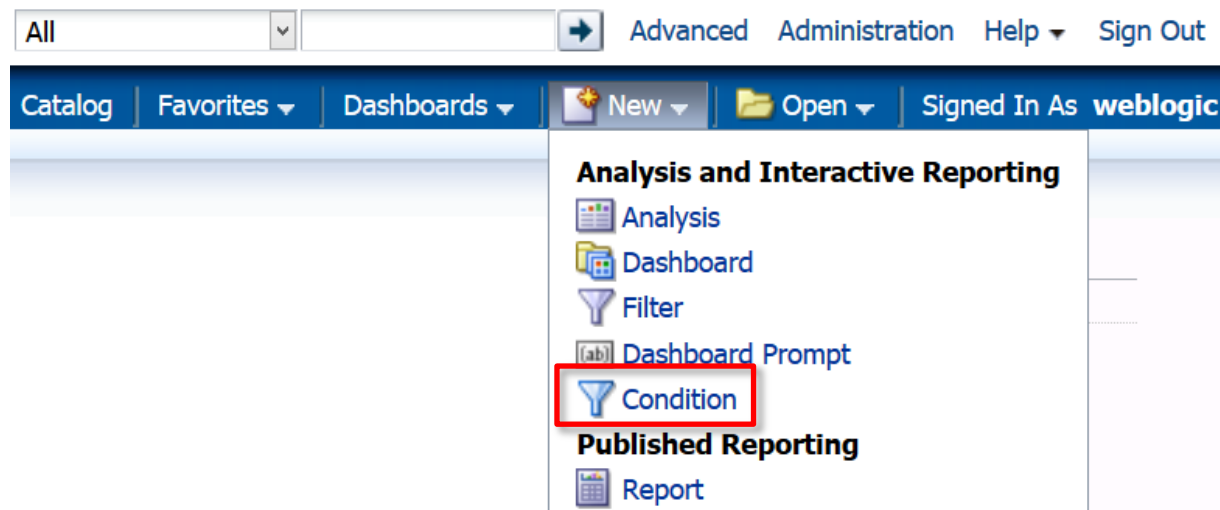
Example

- We are going to create an example Condition that will be used to determine if any high-severity incidents are currently open
- This Condition will then be used in a number of situations:
 - An Action Link on a Dashboard Page will only be displayed if there are open high-severity Incidents
 - A Dashboard Section will only be visible if there are open high-severity Incidents
 - An Agent (schedule) will only deliver a report if there are open high-severity Incidents

Conditions

Example : Step 1

- Create a Condition by using the “New > Condition” menu option:



Conditions


Example : Step 2

- Choose an existing Analysis or KPI to base the Condition on:

New Condition ? ✕

Select the data that the Condition will be based on and define how the Condition will evaluate to "True".

Create condition based on

Condition Data  /Shared Folders/Service Incidents/High Severity Incidents

True If Row Count

Conditions

Example : Step 3


- Specify the criteria that must be met for a “True” Condition
 - In this case we are stating that the Analysis must return more than 1 record

The screenshot shows a 'New Condition' dialog box. The title bar says 'New Condition'. Below the title bar, there is a text instruction: 'Select the data that the Condition will be based on and define how the Condition will evaluate to "True".' The dialog has three main sections: 'Create condition based on' with a dropdown menu set to 'Analysis' and a 'Browse...' button; 'Condition Data' with a folder icon and the path '/Shared Folders/Service Incidents/High Severity Incidents'; and 'True If Row Count' with a dropdown menu open showing a list of comparison operators. The operators are: 'is greater than', 'is equal to', 'is not equal to', 'is less than', 'is greater than or equal to', 'is less than or equal to', 'is between', and 'is not between'. The 'is greater than' option is highlighted in blue. To the right of the dropdown is a numeric input field with the value '0'. At the bottom right are three buttons: 'Test', 'Save', and 'Cancel'.

New Condition

Select the data that the Condition will be based on and define how the Condition will evaluate to "True".

Create condition based on: Analysis

Condition Data:  /Shared Folders/Service Incidents/High Severity Incidents

True If Row Count:

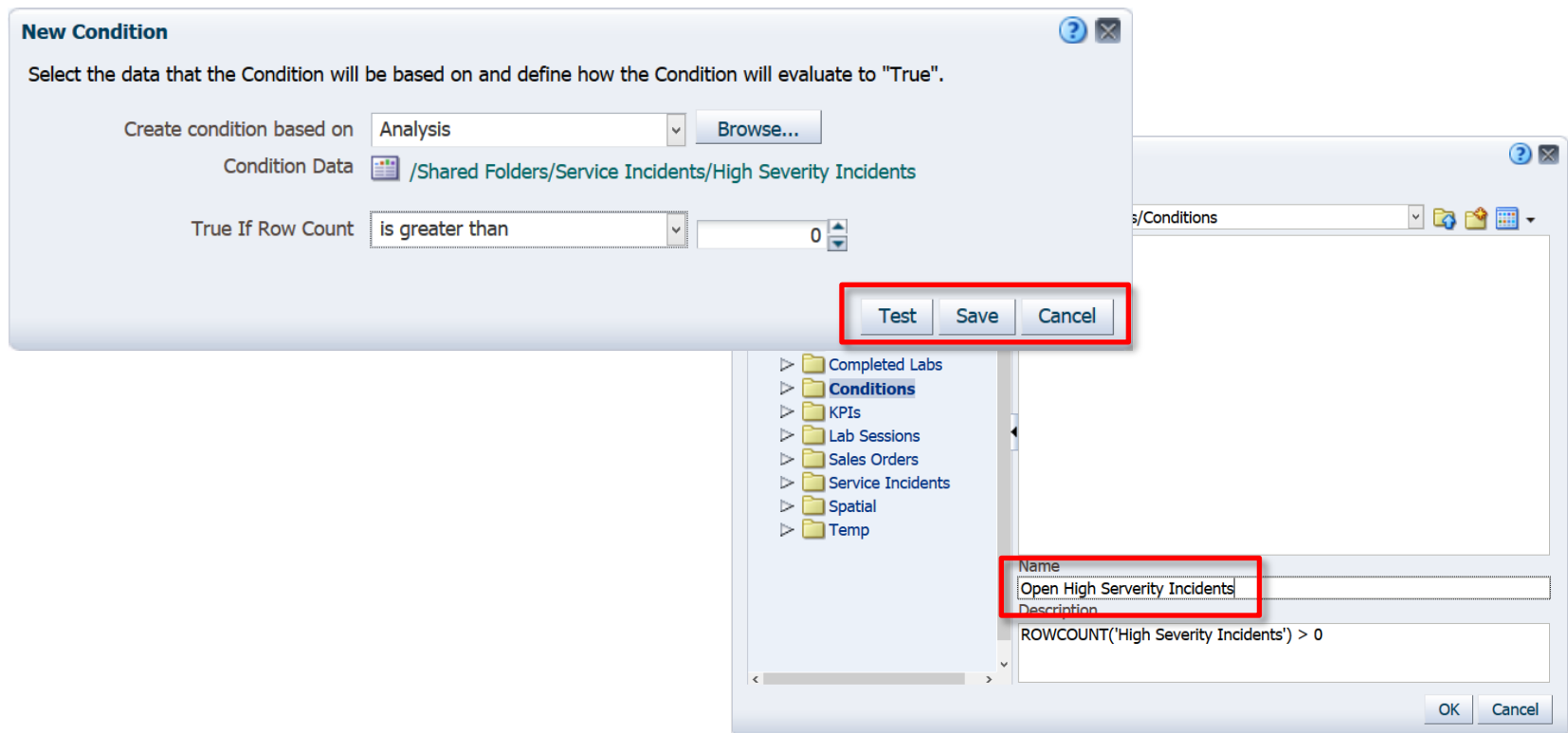
is greater than
is equal to
is not equal to
is less than
is greater than
is less than or equal to
is greater than or equal to
is between
is not between

0

Conditions

Example : Step 4

- Test and the save the Condition!



Conditions

Example: Action Links

- On a Dashboard Page, the Action Link will only be displayed if there are any high-severity incidents that are currently open:

Action Link Properties

Link Text:

Caption:

Action:

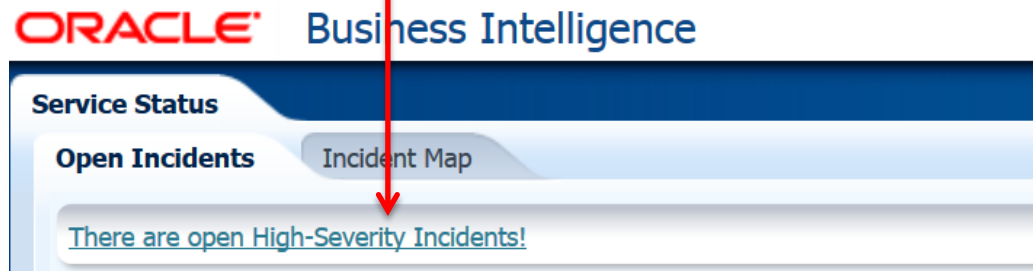
☐ Open Link in New Window

☐ Add to Briefing Book

Show Link: ☐ Always ☒ Conditionally

Condition:

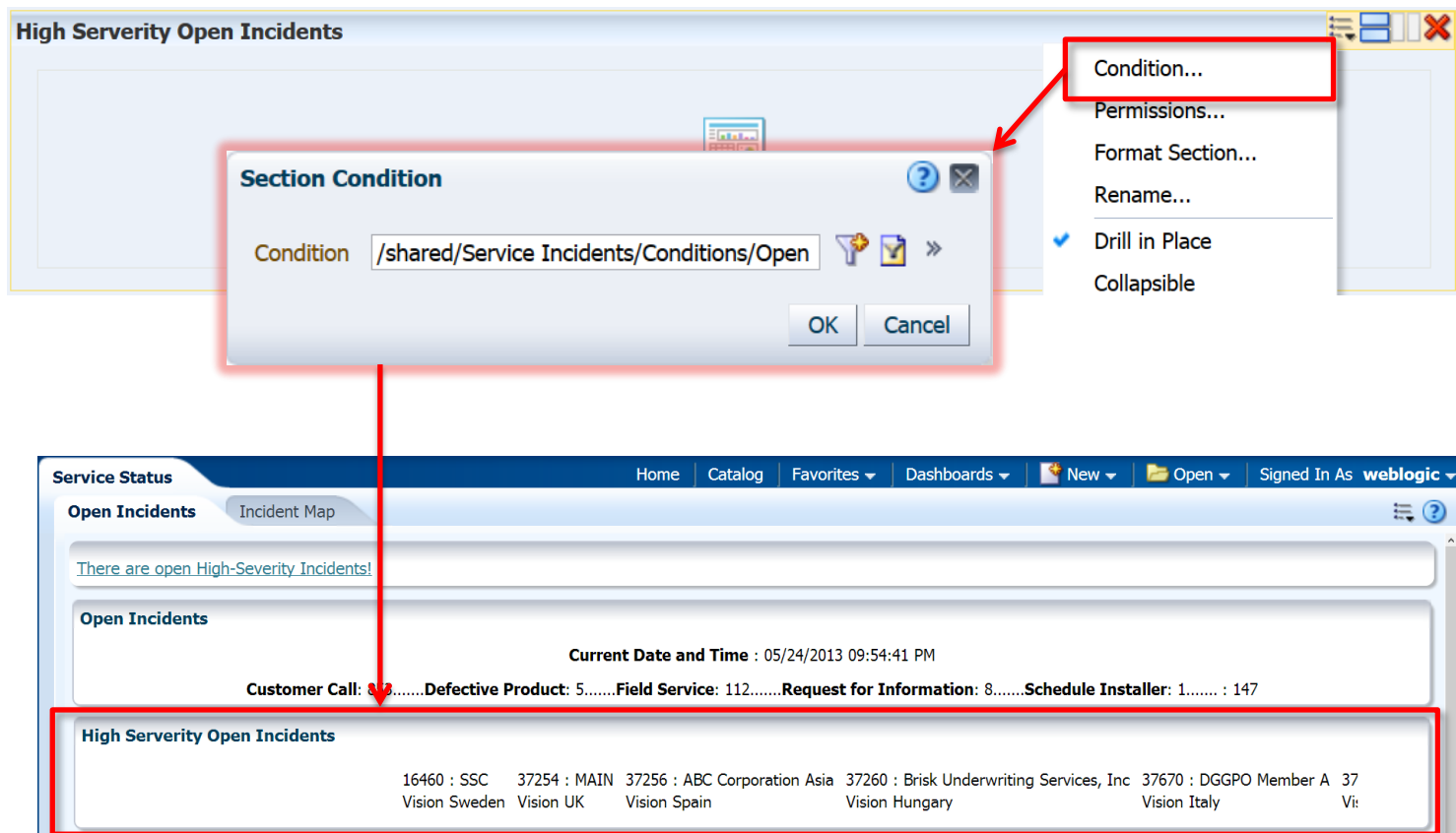
OK Cancel



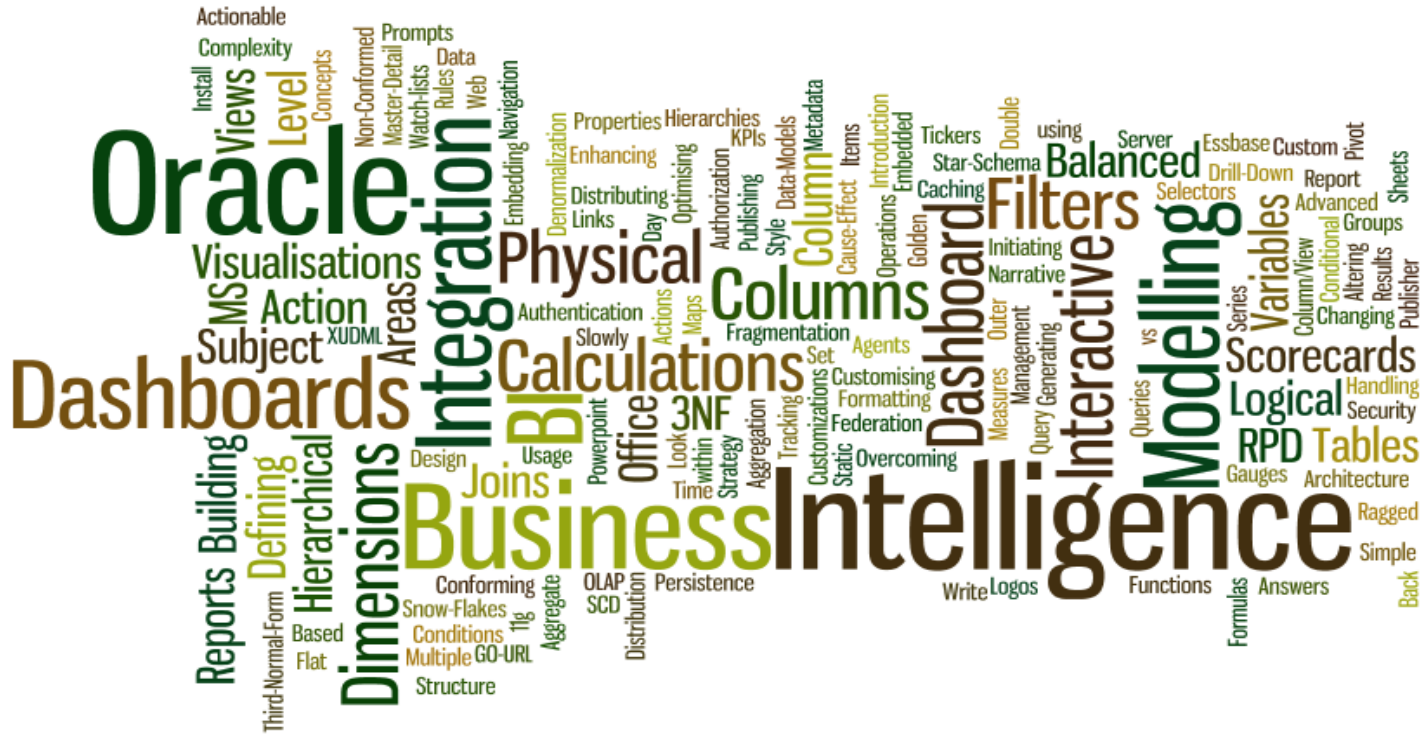
Conditions

Example: Dashboard Sections

- On a Dashboard Page, you can determine whether or not a Dashboard Section displays based on the result of a Condition:



Questions?



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