

ESR Business Intelligence

Combining Columns using a Union

Introduction

Once you have selected a subject area, you can combine the results of two or more columns into one column using a Union operation. The columns can come from the same or different subject areas. By combining columns, you create a new column for displaying the data in a different way.

Combining two columns from different subject areas

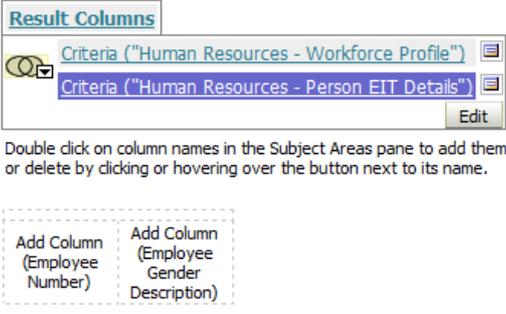
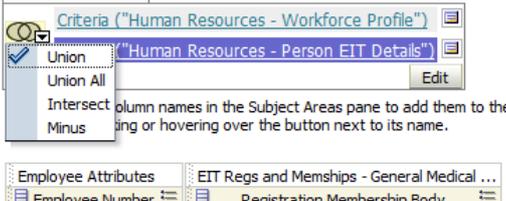
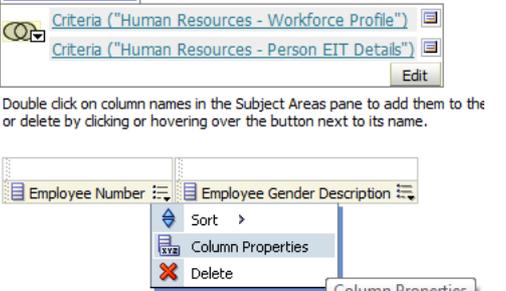
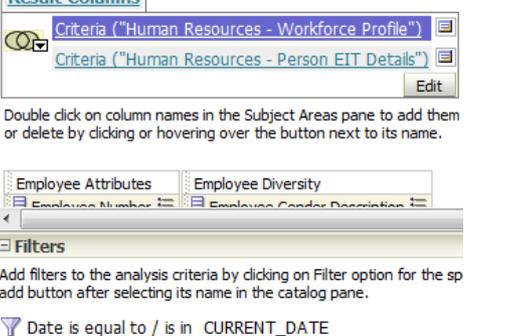
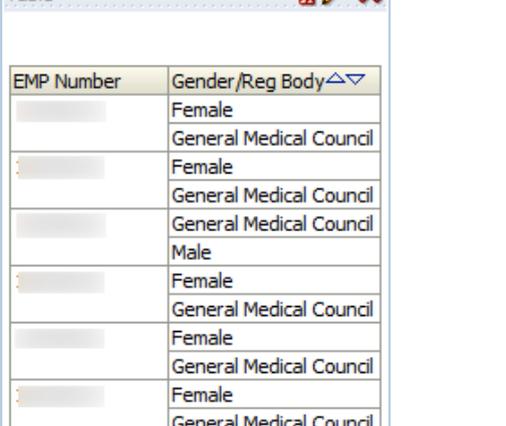
To combine two columns from different subject areas:

Step	Screen	Description
1		Select the subject area from which you would like to add the initial columns and add them to the selected columns window. In the example we have chose Employee Number and Gender
2		Click on the icon in the upper right corner of the selected columns window and select the second subject area from which you would like to add further columns. The two subject areas will be displayed on top of each other.



Electronic Staff Record



3	 <p>Double click on column names in the Subject Areas pane to add them or delete by clicking or hovering over the button next to its name.</p>	<p>By clicking on the second subject area, dotted areas will be displayed where the further columns can be added. In this example we are going to use the employee number as a common column but add the a registration body from the Person EIT Subject Area.</p>
4	 <p>Double click on column names in the Subject Areas pane to add them to the or delete by clicking or hovering over the button next to its name.</p>	<p>By clicking on the  icon you can select how the two queries are joined. By default Union will be selected.</p>
5	 <p>Double click on column names in the Subject Areas pane to add them to the or delete by clicking or hovering over the button next to its name.</p>	<p>By clicking on 'Result Columns', the heading of each column can be changed using the Column Properties.</p>
6	 <p>Double click on column names in the Subject Areas pane to add them or delete by clicking or hovering over the button next to its name.</p> <p>Add filters to the analysis criteria by clicking on Filter option for the sp add button after selecting its name in the catalog pane.</p>	<p>Clicking on the  icon allows you to apply filters to each subject area of the report. These can be different by subject area if required.</p>
7		<p>Click on the results tab and the columns will be displayed. In this example the Employee Number is displayed only once as the common column and the Gender and Reg Body columns are displayed as one column next to it.</p>

Difference Between Combining Columns Using a Union Operation and Adding Columns from Related Subject Areas

Combining columns using a Union operation produces different results than adding columns from related subject areas:

- When you combine columns using a Union operation, the analysis results show a single newly combined column governed by a Union operation.

When you add columns from related subject areas to an analysis, the results show each added column individually.

