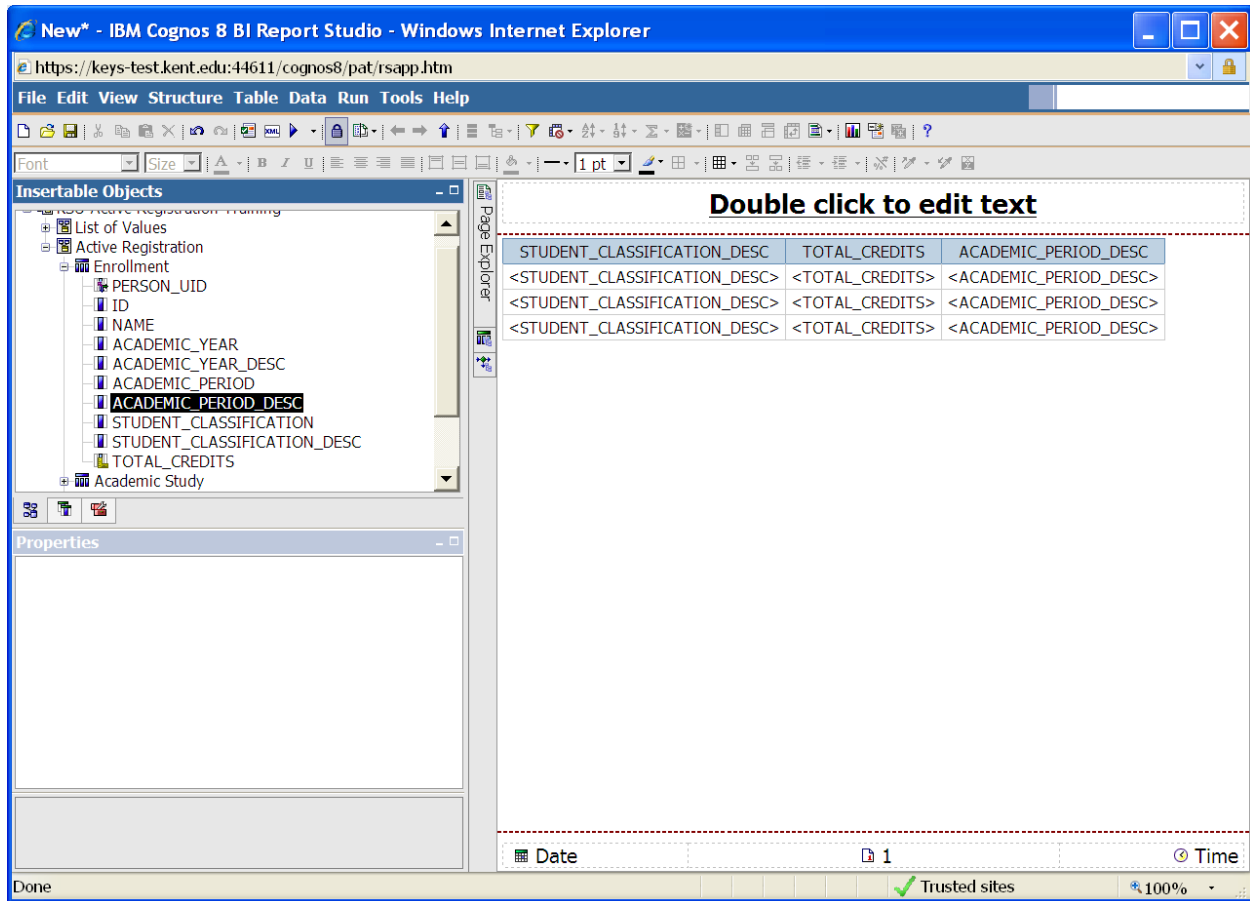


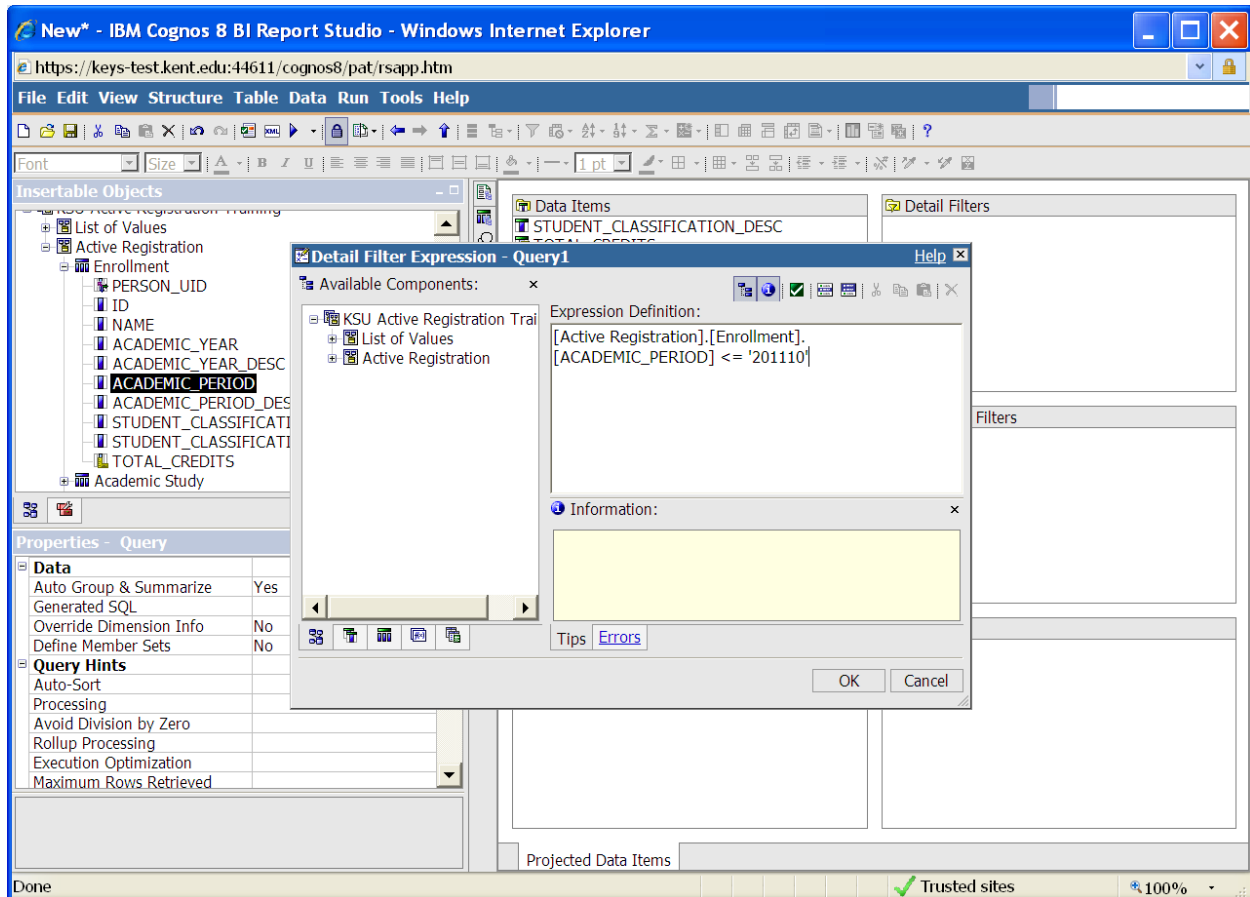
1. Open Report Studio. Select the package KSU Active Registration Training. Select List.

Lists vs. Crosstabs



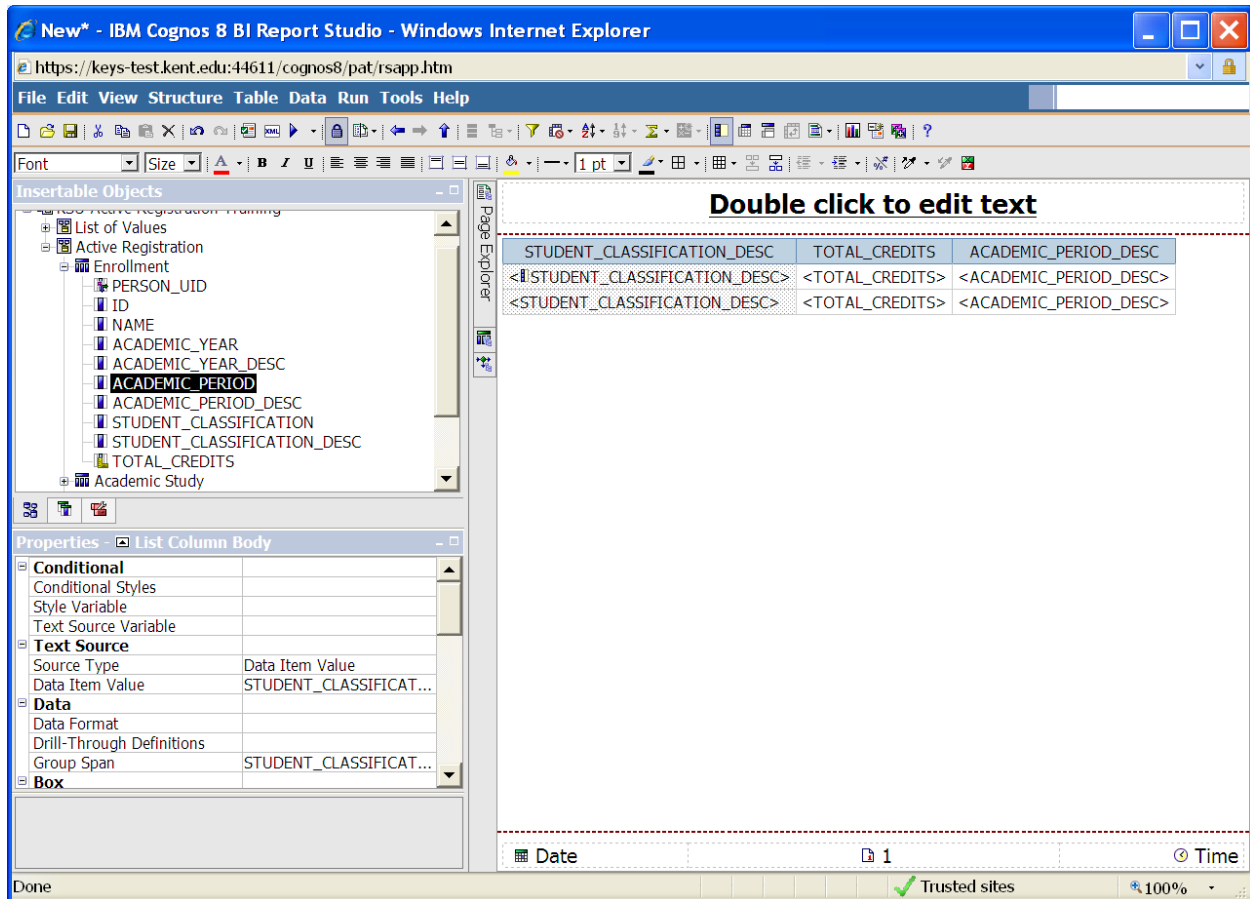
2. Open the Enrollment folder and select STUDENT_CLASSIFICATION_DESC, TOTAL_CREDITS, and ACADEMIC_PERIOD_DESC.

Lists vs. Crosstabs



3. Go to the navigator bar and select Query Explorer. Drag ACADEMIC_PERIOD to the Filters pane and add the expression above.

Lists vs. Crosstabs



4. Go back to the navigator bar and select Page Explorer. Highlight STUDENT_CLASSIFICATION_DESC on the report and click the Group Icon on the toolbar.

Lists vs. Crosstabs

The screenshot shows the IBM Cognos 8 BI Report Studio interface. The 'Insertable Objects' pane on the left lists various objects, with 'ACADEMIC_PERIOD' selected. The 'Properties' pane shows the 'List Column Body' properties. The main report area displays a table with the following structure:

STUDENT_CLASSIFICATION_DESC	TOTAL_CREDITS	ACADEMIC_PERIOD_DESC
<STUDENT_CLASSIFICATION_DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	
<STUDENT_CLASSIFICATION_DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	
Summary	<Total (TOTAL_CREDITS)>	

The 'Aggregate' icon on the toolbar is highlighted, and a 'Double click to edit text' tooltip is visible over the table header. The 'Properties' pane shows the 'List Column Body' properties, including 'Conditional', 'Text Source', 'Data', and 'Box'.

5. Highlight TOTAL_CREDITS and click the Aggregate icon on the toolbar
6. Select **Total**
7. Run the report

Lists vs. Crosstabs

The screenshot shows the IBM Cognos 8 BI Report Studio interface. On the left, the 'Insertable Objects' pane is open, showing a tree structure under 'Active Registration' with 'Enrollment' selected. The 'Properties' pane on the left shows the 'Page Body' properties. The main report area displays a table with three columns: 'STUDENT_CLASSIFICATION_DESC', 'TOTAL_CREDITS', and 'ACADEMIC_PERIOD_DESC'. The table contains three rows of data, with the first row showing the column headers and the subsequent rows showing data values. A 'Double click to edit text' tooltip is visible over the table. An 'Insert Table' dialog box is open, showing the table size settings: 3 columns and 3 rows. The dialog also includes a 'Table style' section with checkboxes for 'Maximize width' and 'Show borders'.

Double click to edit text

STUDENT_CLASSIFICATION_DESC	TOTAL_CREDITS	ACADEMIC_PERIOD_DESC
<STUDENT_CLASSIFICATION_DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	<ACADEMIC_PERIOD_DESC>

Insert Table Help x

Table size

Number of columns: 3

Number of rows: 3

Table style

☒ Maximize width

☐ Show borders

OK Cancel

Date 1 Time

- Highlight the area under the List. From the Menu Bar, insert a table; 3 columns & 3 rows.

Lists vs. Crosstabs

The screenshot shows the IBM Cognos 8 BI Report Studio interface. The main window displays a report design with a table and a list of values. The table has three columns: STUDENT_CLASSIFICATION_DESC, TOTAL_CREDITS, and ACADEMIC_PERIOD_DESC. The list of values is titled "Double click to edit text" and contains a table with the same columns. The list of values table has a summary row for TOTAL_CREDITS.

Insertable Objects:

- List of Values
- Active Registration
 - Enrollment
 - PERSON_UID
 - ID
 - NAME
 - ACADEMIC_YEAR
 - ACADEMIC_YEAR_DESC
 - ACADEMIC_PERIOD**
 - ACADEMIC_PERIOD_DESC
 - STUDENT_CLASSIFICATION
 - STUDENT_CLASSIFICATION_DESC
 - TOTAL_CREDITS
- Academic Study

Properties:

The Properties pane is empty.

Table:

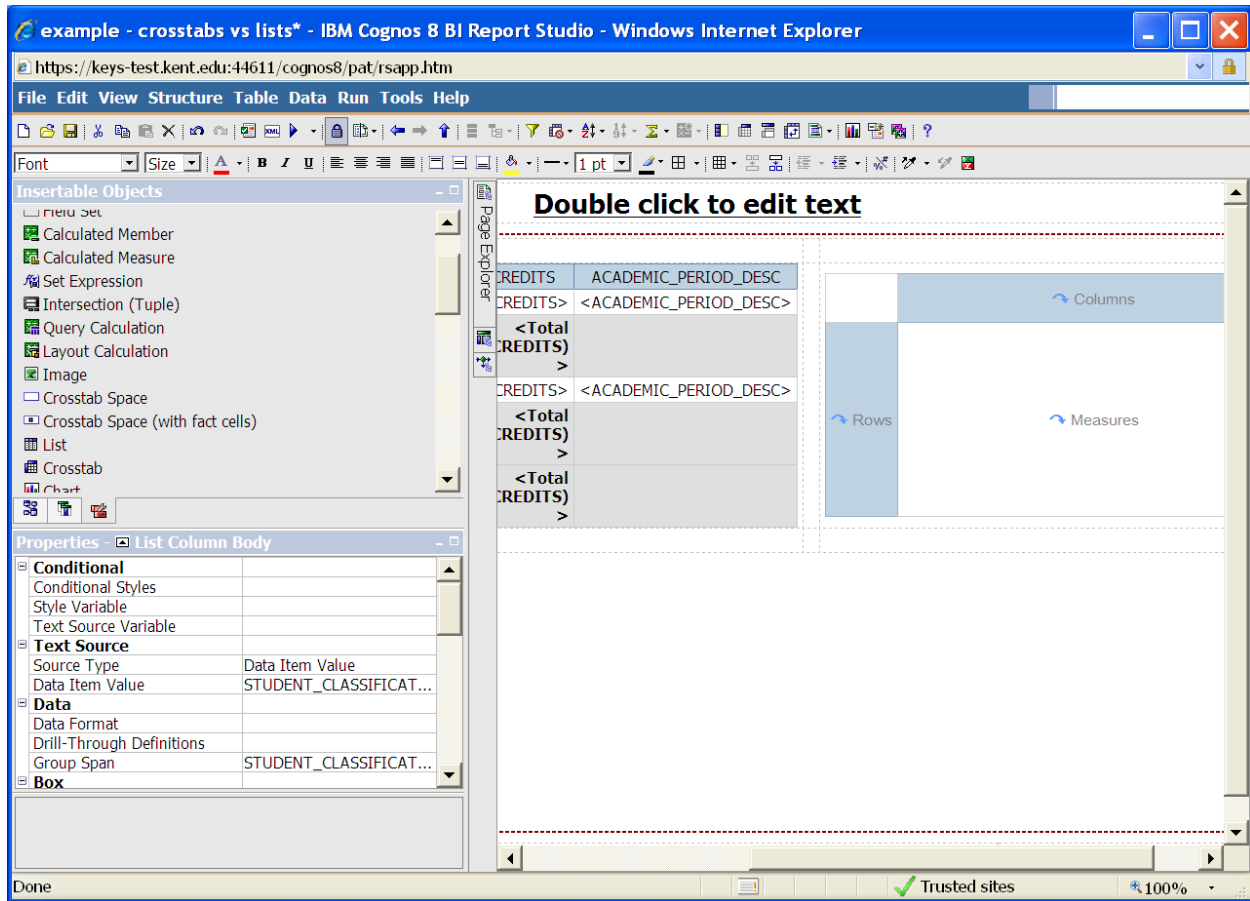
STUDENT_CLASSIFICATION_DESC	TOTAL_CREDITS	ACADEMIC_PERIOD_DESC
<STUDENT_CLASSIFICATION_DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	
<STUDENT_CLASSIFICATION_DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	
Summary	<Total (TOTAL_CREDITS)>	

List of Values:

STUDENT_CLASSIFICATION_DESC	TOTAL_CREDITS	ACADEMIC_PERIOD_DESC
<STUDENT_CLASSIFICATION_DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	
<STUDENT_CLASSIFICATION_DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
<STUDENT_CLASSIFICATION_DESC>	<Total (TOTAL_CREDITS)>	
Summary	<Total (TOTAL_CREDITS)>	

- Highlight the List. Change the Property to List. Drag the List to the first column.

Lists vs. Crosstabs



10. From the toolbox, drag a Crosstab to the third column.

Lists vs. Crosstabs

The screenshot shows the IBM Cognos 8 BI Report Studio interface. The main report area displays a Crosstab with the following structure:

DESC	TOTAL_CREDITS	ACADEMIC_PERIOD_DESC
DESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
DESC>	<Total (TOTAL_CREDITS)>	
ESC>	<TOTAL_CREDITS>	<ACADEMIC_PERIOD_DESC>
_DESC>	<Total (TOTAL_CREDITS)>	
	<Total (TOTAL_CREDITS)>	

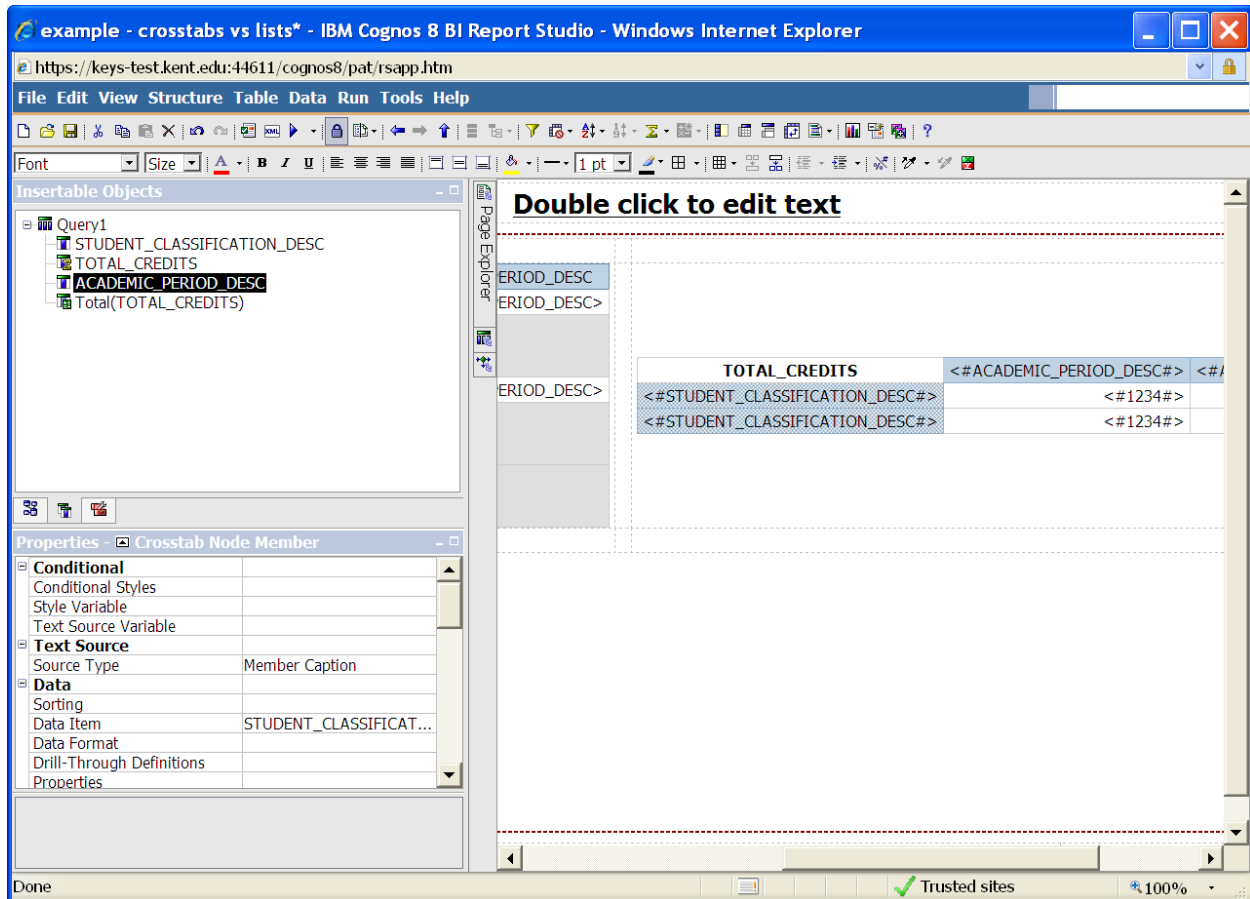
The Properties pane on the left shows the 'Crosstab' properties:

- Conditional**
 - Conditional Styles
 - Style Variable
 - Render Variable
 - No Data Contents: No
- Data**
 - Query: Query1
 - Rows Per Page: 10
 - Master Detail Relationships
 - Suppression
 - Default Measure
- General**

The 'Query' property is set to 'Query1'.

11. Change the Property of the crosstab to Crosstab and change the Query to Query1.

Lists vs. Crosstabs



12. Open Query1. Drag TOTAL_CREDITS to the measures section. Drag STUDENT_CLASSIFICATION_DESC to the rows section. Drag ACADEMIC_PERIOD_DESC to the columns section.

Lists vs. Crosstabs

example - crosstabs vs lists* - IBM Cognos 8 BI Report Studio - Windows Internet Explorer

https://keys-test.kent.edu:44611/cognos8/pat/rsapp.htm

File Edit View Structure Table Data Run Tools Help

Font Size 1 pt Aggregate

Insertable Objects

- Query1
 - STUDENT_CLASSIFICATION_DESC
 - TOTAL_CREDITS
 - ACADEMIC_PERIOD_DESC
 - Total(TOTAL_CREDITS)
 - Total(STUDENT_CLASSIFICATION_DESC)
 - Total(ACADEMIC_PERIOD_DESC)

Properties - Crosstab Node Member

- Conditional
 - Conditional Styles
 - Style Variable
 - Text Source Variable
- Text Source
 - Source Type: Member Caption
- Data
 - Sorting
 - Data Item: ACADEMIC_PERIOD_DESC
 - Data Format
 - Drill-Through Definitions
- Properties

to edit text

TOTAL_CREDITS	<#ACADEMIC_PERIOD_DESC#>	<#Total (ACADEMIC_PERIOD_DESC#>
STUDENT_CLASSIFICATION_DESC#>	<#1234#>	<#1234#>
Total (STUDENT_CLASSIFICATION_DESC)	<#1234#>	<#1234#>

Done Trusted sites 100%

13. Highlight STUDENT_CLASSIFICATION_DESC and click the Aggregate Icon; select **Total**. Highlight ACADEMIC_PERIOD_DESC and click the Aggregate Icon.
14. Run the report.