

COGNOS

Lists vs. Crosstabs

🖉 New - IBM Cognos 8 Bl Report Studio - Win	dows Ir	nternet Explorer				_ 🗆 🗙
lttps://keys-test.kent.edu:44611/cognos8/pat/rsapp.h	ntm					× 🔒
File Edit View Structure Table Data Run Tools	Help					
🗅 🔗 🔒 ※ 🖻 🛍 🗙 🖉 앱 🕾 💌 🕨 🔹 🗎 🗈 • 👄 →	1	a• 🍞 🐻• ật• ật• ∑• 📓• 🗉	1 🖩 🗃 🖻 🖹	- 🌆 📑 🌆 🤶		
Font Size V A V B I U E E E		💩 - 🛶 1 pt 💌 🥖 - 🎟	• # # # *	語・家 ダ・ダ 園		
Insertable Objects	🛛	D	ouble c	lick to edit tex	/ †	
	New Package KSU Act	e: tive Registration Training List Crosstab Chart M. Chart M. Chart M. G G	Help ×	r columns		
				D 1		@ Time
L Done				Trusted sites	<u>i</u>	● Time ● 100% •

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



2. Open the Enrollment folder and select STUDENT_CLASSIFICATION_DESC, TOTAL_CREDITS, and ACADEMIC _PERIOD_DESC.

🖉 New* - IBM Cognos 8 BI Repo	ort Studio - Windows Internet Explorer	_ 🗆 🗙
https://keys-test.kent.edu:44611/co	ognos8/pat/rsapp.htm	✓ <u></u>
File Edit View Structure Table I	Data Run Tools Help	
🗅 🙆 🖬 👗 🛍 🛍 🗙 🕫 🗠 🛃 📟 🕨	▶ - ● 郎- ← → 全 目 記- 7 応- 対- 計- Σ- 墜- 日 曲 日 記 国- 団 琶 唱 ?	
Font Size A · B I	□[圭吾君言 □□□ _ _1pt - ┛-田- 囲-罟品 繧-繧- ぷ ぴ-ダ幽	
Insertable Objects		
Blist of Values	Comparison of the second	
B Active Registration	Detail Filter Expression - Query1	
B-ma Enrollment	Available Components: X	
	B B List of Values [Active Registration].[Enrollment].	
- ACADEMIC_TEAK	⊕ ☐ Active Registration [ACADEMIC_PERIOD] <= '201110'	
ACADEMIC_PERIOD		
ACADEMIC_PERIOD_DES	Filters	
STUDENT_CLASSIFICATI		
_ TOTAL_CREDITS		
😐 🕅 Academic Study		
33 TE	 Information: × 	
Properties - Query		
B Data		
Auto Group & Summarize Yes		
Override Dimension Info		
Define Member Sets No	33 1 1 1 Tips Errors	
Query Hints		
Auto-Sort	OK Cancel	
Avoid Division by Zero		
Rollup Processing		
Execution Optimization		
Maximum Rows Retrieved		
	Designed Data Trans	
Dope	Projected Data Items	₱ 100% -
Done	V husted sites	×100% *

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

🖉 New* - IBM Cognos 8 BI Report Studio - Windo	ws Interne	et Explorer				×		
lttps://keys-test.kent.edu:44611/cognos8/pat/rsapp.htm					~	•		
File Edit View Structure Table Data Run Tools He	р							
D 🔗 🖬 % 🖻 🖹 X છ ལ 🖻 🔤 🕨 • 🔒 🗈 • ⇐ ⇒ 👔	🔳 Tar 🍸 🖻	ಠ- \$t- ೆt- Σ- ಔ- 🗉 🖷 🗃	🖅 🖹 • 🜆 📑 🌇 🣍					
Insertable Objects - C	Pa	<u>Doub</u>	le click to ed	lit text				
Studies of values Studies of values Static values Static values Fig. Static values Intervalues Inter		DENT_CLASSIFICATION_DESC JDENT_CLASSIFICATION_DESC DENT_CLASSIFICATION_DESC>	TOTAL_CREDITS < TOTAL_CREDITS> <total_credits></total_credits>	ACADEMIC_PERIOD_I <academic_period_i <academic_period_i< th=""><th>DESC DESC> DESC></th><th></th></academic_period_i<></academic_period_i 	DESC DESC> DESC>			
	🖬 Da	ate	□ 1		7 📀	ime		
Done			🗸 Tru:	sted sites	a 100%	•		

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.

🖉 New* - IBM Cognos 8 BI Report Studio	- Windows	Internet Exp	orer					
E https://keys-test.kent.edu:44611/cognos8/pat/	rsapp.htm				✓ <u></u>			
File Edit View Structure Table Data Run	Tools Help							
🗅 🧀 🖬 👗 🐚 📾 🗙 🕫 🗠 🖅 🔤 🕨 🕨 🔒 🗈 -	← → 🏠 🗐	৳- 76-#-	\$\$ • 🔽 • 🖾 • 🗈 🗰 🖬	🗈 • 📶 📑 🌇 ?				
Font Size J A · B / U 主要書書目目目 4 · I - · 1 pt · 2 · Accreate 品種 · 语 · 2 · 2 · 2 · 2 · 2 · 2 · 2 · 2 · 2								
Insertable Objects			Double	click to edit tex	<u>(t</u>			
Contraction		STUDENT	CLASSIFICATION DESC	TOTAL CREDITS	ACADEMIC PERIOD DESC			
Imperation Imperation	t	<	CLASSIFICATION_DESC>	<total_credits></total_credits>	<academic_period_desc></academic_period_desc>			
		<pre>STUDENT_</pre>	CLASSIFICATION_DESC>	<total (TOTAL_CREDITS)></total 				
		<pre>STUDENT_C</pre>	LASSIFICATION_DESC>	<total_credits></total_credits>	<academic_period_desc></academic_period_desc>			
ACADEMIC_YEAR_DESC ACADEMIC_PERIOD		<pre>STUDENT_</pre>	CLASSIFICATION_DESC>	Total> (TOTAL_CREDITS)>				
ACADEMIC_FERIOD_DESC In ACADEMIC_FERIOD_DESC In ACADEMIC_FERIOD_DESC In ACADEMIC_FERIOD_DESC In ACADEMIC_FERIOD_DESC In ACADEMIC_FERIOD_DESC		Summary		<total (TOTAL_CREDITS)></total 				
Gring Academic Study Gring Bacademic Study Gring Bacademic Study Gring Bacademic Study Forectiles - □ List Column Body	_							
Conditional	_							
Conditional Styles								
Text Source Variable								
Text Source								
Source Type Data Item Value								
Data Item Value IOTAL_CREDITS								
Data Format								
Drill-Through Definitions								
Group Span								
Box								
		🖩 Date		D 1	Ime			
Done				🗸 Trusted sites	€ 100% - "∷			

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



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

🖉 example - crosstabs vs lists* - IBM Cognos 8 BI	Rep	oort Studio - Windows Internet Exp	olorer			
🖻 https://keys-test.kent.edu:44611/cognos8/pat/rsapp.htm				✓ ⁴		
File Edit View Structure Table Data Run Tools Help	•					
🗅 🙆 🔜 🌡 🐚 🎕 🗙 📭 🏫 🌆 🗺 💌 🕨 🔹 🏠 🕼 • 🖛 🔶 🁔	i ta	▼ 65・計・Σ・醫・ □ @ 금 @ [🗈 • 📶 📑 🌇 ?			
Font Size Size B I E E E E E		<u> </u>	· 镭 · ぷ グ · ジ 図			
Insertable Objects - D	Pa	Double	click to edit	text		
B 🖺 List of Values B Active Registration	le -					
	plor	STUDENT_CLASSIFICATION_DESC	TOTAL_CREDITS	ACADEMIC_PERIOD_DESC		
	d, d	< STUDENT_CLASSIFICATION_DESC>	<total_credits></total_credits>	<academic_period_desc></academic_period_desc>		
NAME ACADEMIC_YEAR ACADEMIC_YEAR ACADEMIC_YEAR DESC		<student_classification_desc></student_classification_desc>	<total (TOTAL_CREDITS) <</total 			
		<student_classification_desc></student_classification_desc>	<total_credits></total_credits>	<academic_period_desc></academic_period_desc>		
ACADEMIC_PERIOD_DESC II STUDENT_CLASSIFICATION STUDENT_CLASSIFICATION_DESC		<student_classification_desc></student_classification_desc>	<total (TOTAL_CREDITS) ></total 			
			-	-	Summary	<total (TOTAL_CREDITS) <</total
Properties - 0						
	-	I Date	L 1	③ Time		
Done			🗸 Trusted	sites 🔍 100% - 🛒		

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

🖉 example - crosstabs vs lists* - IBM Cognos 8 I	Bl Report Studio - Windows Internet Expl	orer 🗧	
lttps://keys-test.kent.edu:44611/cognos8/pat/rsapp.htm	n		~ 🔒
File Edit View Structure Table Data Run Tools He	elp		
🗅 🔗 🖬 🌡 🖻 🛍 🗙 🖍 ལ 🖉 🔤 🕨 🔹 🔺 🏠 🗈 - 👉 🔶 🕯	1 ■ ™ ▼ 悶 • ☆ • ☆ • ⊠ • ⊠ • ■ ■ = = 0) • 🌆 😤 🍓 ?	
Font Size V A V B I U E E E E	∃ ⊒ 🎂 • ━ • 1 pt 🔽 🚄 • 🖽 • ▦ • 😤 🛣 를 •	- 彊 • ぷ び • ジ 📓	
Insertable Objects Insertable Insertab	Image: Constraint of the sector of the se	Rows Measures	
Group Span STUDENT_CLASSIFICAT	-		
			······ –
			•
Done		Trusted sites 🔍 100)% • "i

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

🖉 example - crosstabs vs lists* - IBM Cognos 8 B	l Re	port Stu	dio - Windows Int	ernet Explorer		
E https://keys-test.kent.edu:44611/cognos8/pat/rsapp.htm						× 🔒
File Edit View Structure Table Data Run Tools He	lp					
D 😕 🖬 % 🗈 🛍 X ∞ ∞ 🕾 📼 🕨 - 🔒 🗈 - ⇐ → 👔	1 🔳 1	e 7 🐻	• 20 - 10 - 20 - 10] 🖩 🗃 🗊 🗟 • 📶 😤 🌆 ?		
Font Size V A V B Z U E E E E []		🌺 • — -	• 1 pt 💌 🚄 • 🖽 • 🏛	• ≌ 묾 ≣ · ≣ · ∛ ♥ • ♥	ž	
Insertable Objects – 🛛			Do	uble click to edit	text	_
Calculated Member	J		<u> </u>			
Calculated Measure	ı Üğ	1				
A Set Expression	ļļģ	DESC	TOTAL_CREDITS	ACADEMIC_PERIOD_DESC		
🖬 Intersection (Tuple)	<u>۹</u>	DESC>	<total_credits></total_credits>	<academic_period_desc></academic_period_desc>		<u> </u>
Real Query Calculation	100	_DESC>	<total< td=""><td></td><td></td><td></td></total<>			
🛱 Layout Calculation	++++	-	(TOTAL_CREDITS)			
🗷 Image		ESC>				
Crosstab Space		DESC>		CACADENIC_FERIOD_DESC>		
Crosstab Space (with fact cells)		_02302	(TOTAL_CREDITS)		 POWS 	
III Crosstah			>			
			<total< td=""><td></td><td></td><td></td></total<>			
33 T 🖷	_		(TOTAL_CREDITS)			
Properties - 🛋 Crosstab 🛛 – 🗆						
🖻 Conditional 🗛	1					
Conditional Styles	1					
Style Variable Render Variable						
No Data Contents No	-					
B Data						
Query Query1						
Master Detail Relationships						
Suppression						
Default Measure	d -					
General						
Query						
Done				📃 🗸 Trust	ed sites	[®] 100% ▪ ,;;

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

🖉 example - crosstabs vs lists* - IBM Cognos 8 BI	Report 9	Studio - W	indows Internet Explorer		_ 🗆 🗙
lttps://keys-test.kent.edu:44611/cognos8/pat/rsapp.htm					✓ <u>▲</u>
File Edit View Structure Table Data Run Tools Help	p				
	E Teriy	· 雨 - 社 - 社	- 🛛 - 🕅 - I 🗊 📾 - I 🖬 😫	R 1 9	
				* : 74 _ (26)20	
		• <u> 1 pt •</u>	□ · ⊞ · ≥ å % · # · %		
Insertable Objects – 🗆	D D	ouble c	lick to edit text		<u> </u>
Query1 Gamma CLASSIFICATION_DESC TOTAL_CREDITS ACADEMIC_PERIOD_DESC Total(TOTAL_CREDITS)		D_DESC> D_DESC>	TOTAL_CREDITS <#STUDENT_CLASSIFICATION_D <#STUDENT_CLASSIFICATION_D	<#ACADEMIC_PE DESC#>	RIOD_DESC#> <#/ <#1234#> <#1234#>
33 1 1					
Properties - 🗖 Crosstab Node Member 🛛 – 🗆					
Done				🗸 Trusted sites	₹100% ·

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.

🖉 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 Hel	p							
D 🔗 🖬 👗 🖻 🛍 X 🖙 ལ། 🕾 🕨 🕨 - 🚹 🗈 - (⇐ → 🛊	≡ 1	╘╴│ 🍞 🐻 • ᢓ‡ • ी‡ - 🔽 • 🖾 - 🗉 🗐 🖥	i 🗊 🗈 🛛 🖬 📑 🌇 ?					
Font Vize VAVB I UE = = = =		& 1 pt - Aggregate						
Insertable Objects								
R ■ 0 uerv1	Pa	to edit text						
Total_CREDITS Total_CREDITS Total_CREDITS Total_CREDITS Total(TOTAL_CREDITS) Total(TOTAL_CREDITS) Total(TOTAL_CREDITS) Total(STUDENT_CLASSIFICATION_DESC)	ge Explorer							
- Total(ACADEMIC_PERIOD_DESC)	100 141	TOTAL_CREDITS	<#ACADEMIC_PERIOD_DESC#>	<#Total (ACADEMIC_ #>	PERIOD_	DE:		
		STUDENT_CLASSIFICATION_DESC#>	<#1234#>		<#1	234		
		Total UDENT_CLASSIFICATION_DESC)	<#1234#>		<#1	234		
33 🖫 📽	-							
Properties - Crosstab Node Member – D								
Conditional Styles Style Variable Text Source Variable Text Source Variable								
Source Type Member Caption								
Data Sorting Data Item ACADEMIC PERIOD DESC								
Data Format								
Drill-Through Definitions Properties								
						🗸		
		•						
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.