UAccess ANALYTICS

Next Steps: Using One Analysis as a Filter for a Second

University Analytics & Institutional Research

What happens when the data you're looking for resides in two separate subject areas? You know you can't combine those subject areas.

For example, you need a report showing the term your student employees are expected to graduate. Unfortunately, the data that indicates a student is an employee resides in the Employee Profile subject area, and the data that will tell you when that student is expected to graduate is in the Student Profile subject area.

What to do? What to do? You need to create two analyses!

Creating the First Analysis

Create an analysis that lists all of the student workers in your departments. Use the **HCM - Employee Profile** subject area, add the columns of information you need, create a filter, and get your list.

UITS Student Employees

Supervisor Employee ID	Time Approver Employee ID	Employee ID	Position Description
02201223	02201223	23400043	Student Group B
02488443	02488443	23336925	Mobile App Developer
		23361369	Student Group B
		23408688	Mobile App Developer
		23415342	Mobile App Developer
10109557	10109557	23340031	Business Services 2
12506811	12506811	23464809	CTO/IT Project Mgmt Student

You know that graduation dates aren't included in the **Employee Profile** subject area. What ever will you do? First off, don't panic!

The solution is to use the result set from your initial student employee analysis as the basis of the filter for your graduation dates analysis.

Creating the Second Analysis

Create a second analysis, using an appropriate Subject Area. In this case, we used **CSW – Student Academic Profile**. The data in one of the columns in the new analysis *must* match data from a column that was included in the original analysis. Here, we used the **Student ID** column, since the data in that column matches the Employee ID data from the first analysis.

Contact Details	Academic Program Plan		Term Academics
Student ID	Academic Plan	Academic Sub Plan	Expected Graduation Term

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Linking the Two Analyses

- Click the **Options** button for the **Person ID** column and select **Filter.** Click the drop-down arrow for the **Operator** field and select *is based on results of another analysis* from the bottom of the list.
- **Browse** for the Employee Profile-based analysis you created earlier and get it into the **Saved Analysis** field.
- Identify the **Relationship** you require. In this instance, the default relationship *is equal to any* is correct.
- Open the **Use values in Column** field and select the column with the matching data.
- Click **OK**.
- The resulting filter will look like this:

  ▼ Student ID is equal to any Employee ID in 🔍 UITS Student Employees

- Add any additional filters you need, and modify the analysis in any other fashion that fits your standards.
- Save the analysis in the normal manner, then put both analyses on your dashboard page. The results of the second analysis (with graduation dates) will be those student workers from the first analysis who have expected graduation dates.
- The same type of linking of analyses can be done within a subject area or between subject areas, provided you use and link matching columns of data in each analysis.
- Don't forget to show the report to your boss so you can reap the benefits of your expertise!

New Filter

Column	Student ID
Operator	is based on results of another analysis
Saved Analysis	/My Folders/Employee Analyses Browse...
Relationship	is equal to any
Use values in Column	Employee ID
☐ Protect Filter	

OK Cancel

UITS Student Employees - Expected Graduation Term

Student ID	Academic Plan	Academic Sub Plan	Expected Graduation Term
23230305	Animal Sciences	Science and Pre-Professional	2201
23240311	Creative Writing	Not Available	2191
	Mathematics 2	Comprehensive	2191
	Neuroscience & Cognitive Sci	Language & Comm Science	2191
23280947	Computer Science	Not Available	2194
	Information Science & Tech	Not Available	2194
23281002	Applied Science	Cyber Operations	2204
	Cyber Operations	Not Available	2204