# Boost Response Rates by Automating Course Component Selection for Students in Course Evaluations with 3-Level Relationships

## February 18-19, 2025

## Krimo Bouaou

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# 3-Level Relationship activities

## Agenda

**3-Level Relationship in Projects**

- How to setup a project

**3-Level Relationship Reporting**

- Basic reporting

**3-Level Relationship and Dashboard**

- Attention should be paid to the interpretation of the enrollment numbers

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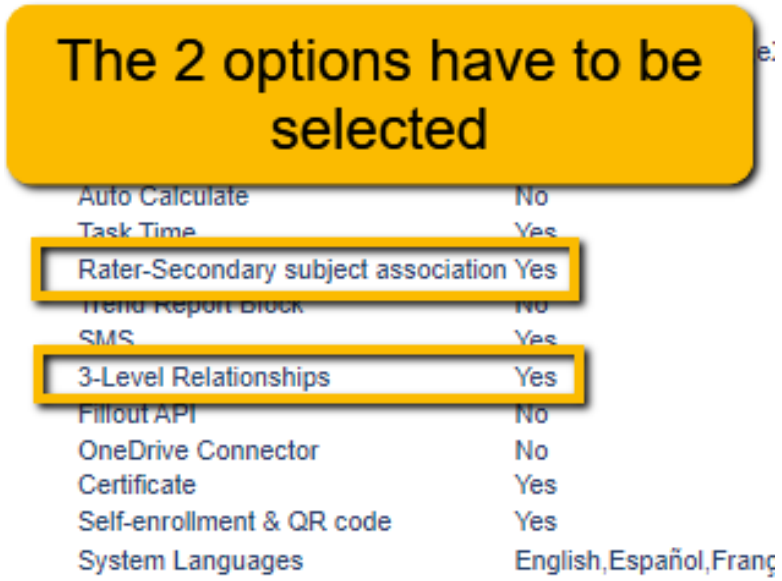
# 3-Level Relationship Licensing

3-LR Licensing

Prior to Blue 9.3

The 2 options have to be selected



| | |
|---|---|
| Auto Calculate | No |
| Task Time | Yes |
| Rater-Secondary subject association | Yes |
| Trend Report Block | No |
| SMS | Yes |
| 3-Level Relationships | Yes |
| Fillout API | No |
| OneDrive Connector | No |
| Certificate | Yes |
| Self-enrollment & QR code | Yes |
| System Languages | English,Español,Franç |

Blue 9.3

3-Level Relationship productized.
No more licensing needed

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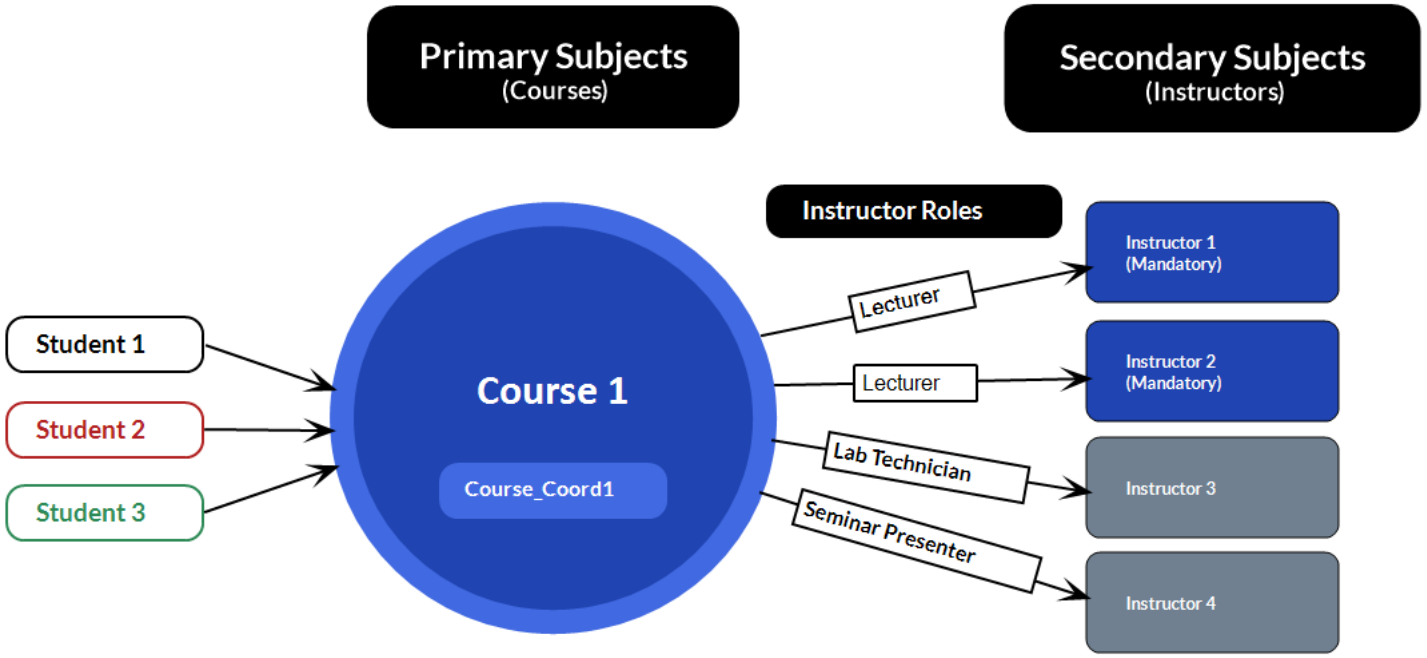
# A Course Evaluation Scenario

Explorance University evaluates:

- Course, Lecturer, Tutors, Labs, (and additional components of the course where applicable)



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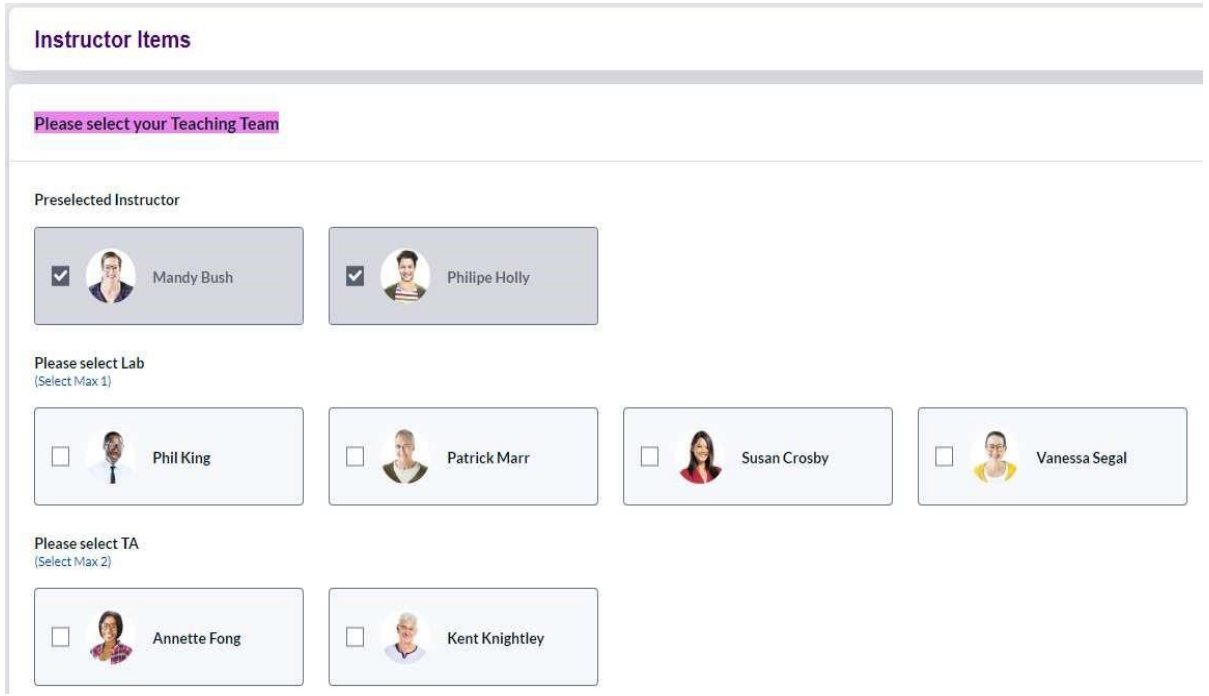
# A course evaluation Scenario - Continued

Using the Secondary Subject Selection and relational demographics (Teaching Role), we can delegate to students to choose their instructors




- The tutorials are delivered in separate sections and each Tutor is responsible for their own section
- Students only attend one tutorial
- PROBLEM: Students were often picking the wrong tutor!



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# Multiple options to consider …

- Make the subject ID a concatenation of course-tutorial and assign tutors and students accordingly
  - This will create multiple forms for the Instructor

OR

- Create tutorials as their own subject ID and assign tutors and students accordingly
  - This will create multiple forms for the student for the same course

OR

- Use 3-level relationship to filter the secondary subject
  - One form, requires relationship between student and secondary subject



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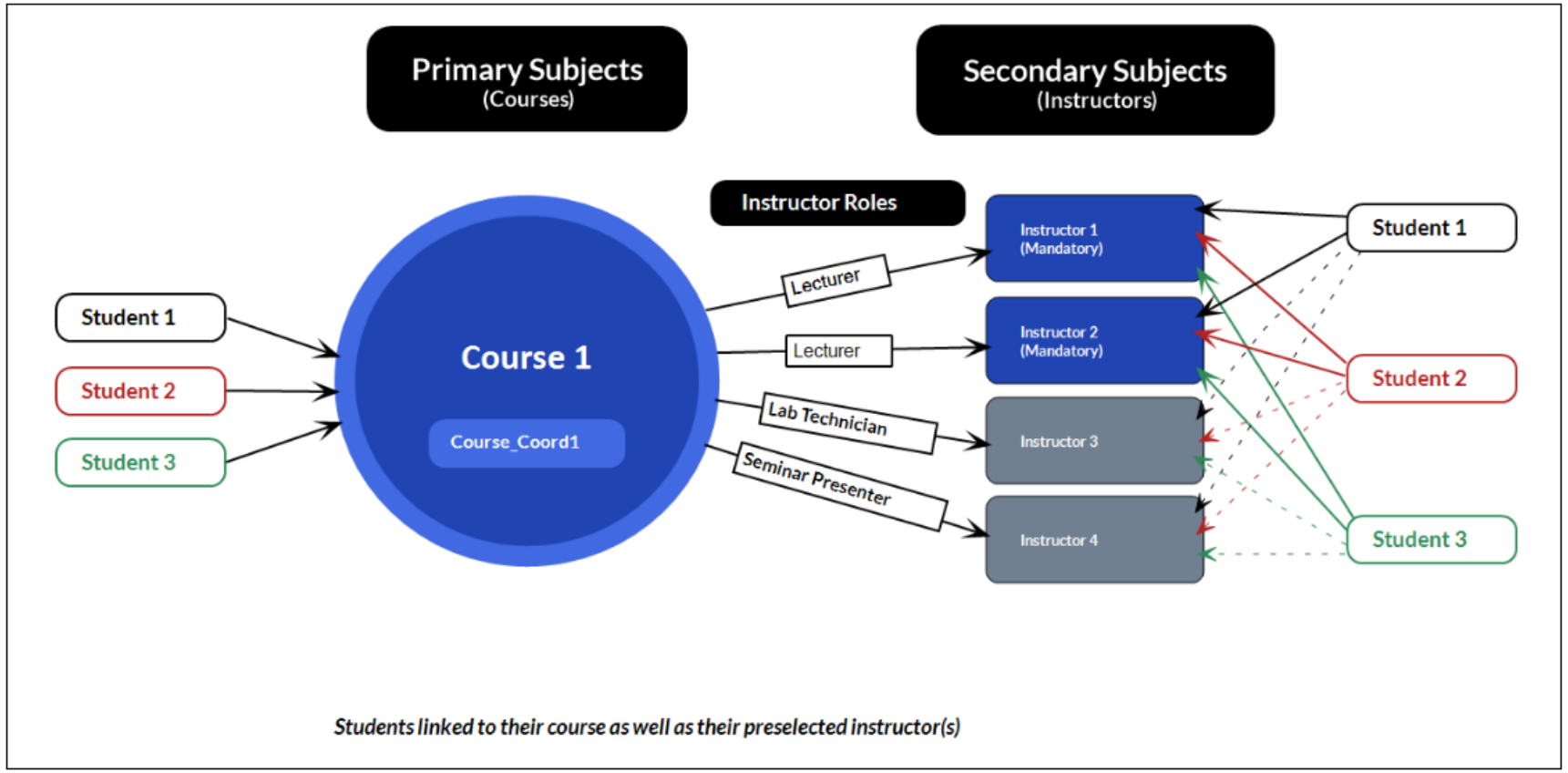
# 3-level relationship as the solution…

Data setup should look like this:



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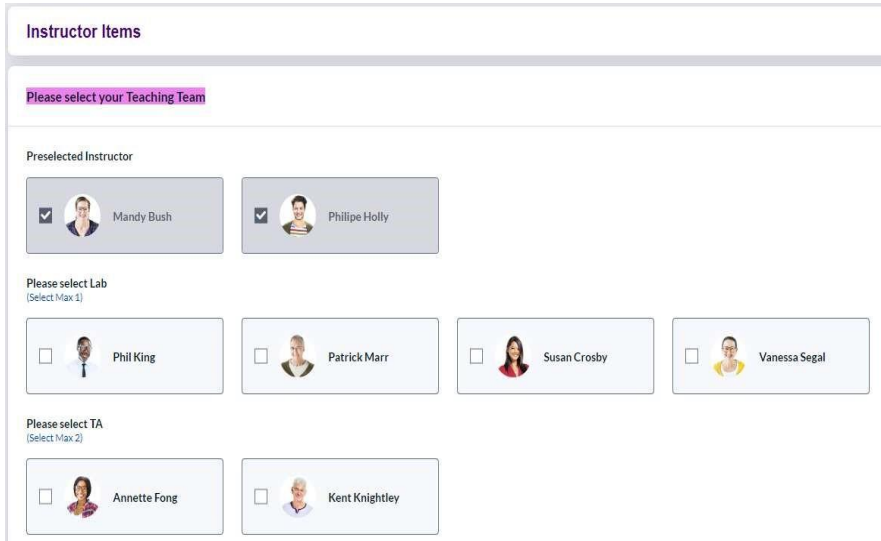
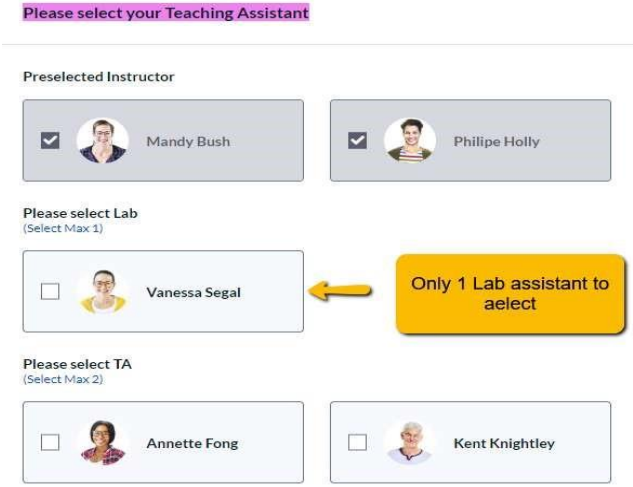
# 3-level relationship as the solution…

The Secondary Subject Selection goes from this




To this: where the selections are filtered by student according to the student-secondary subject relationship



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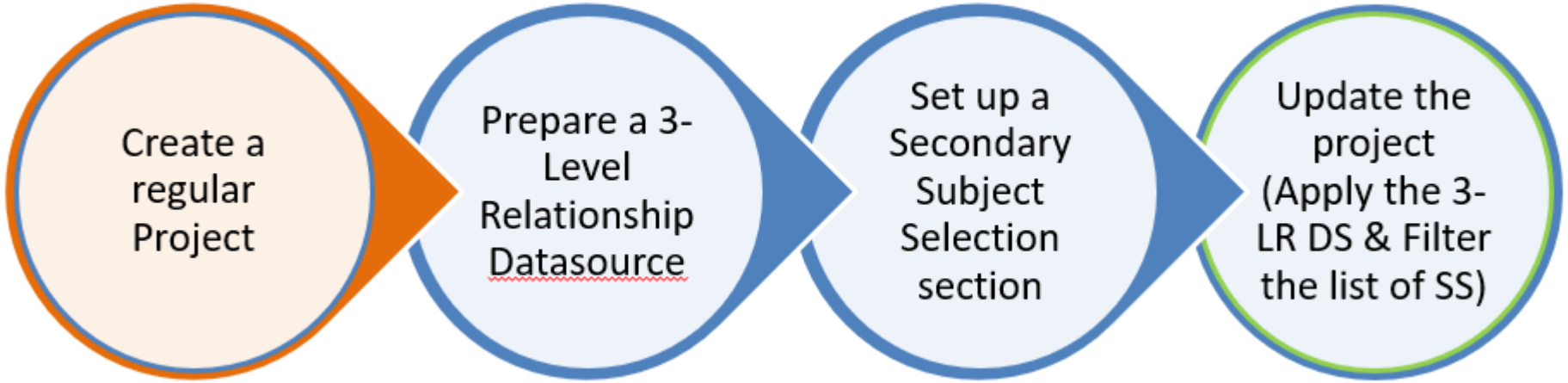
# 3-level relationship : How To



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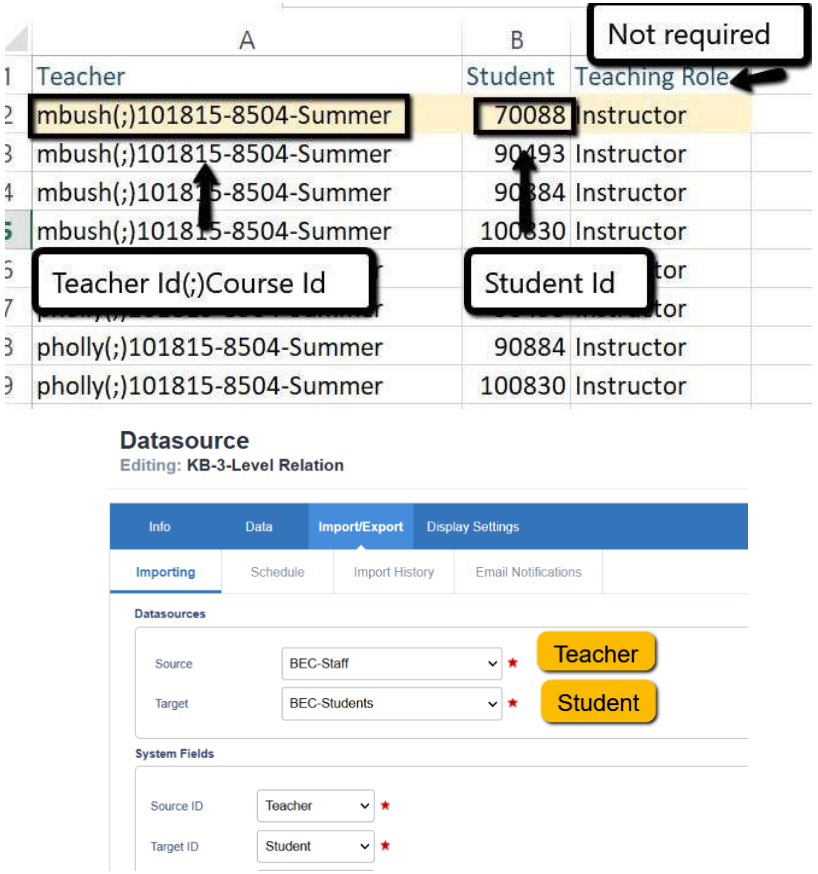
# 3-level relationship New Datasource

| | A | B | C |
|---|---|---|---|
| 1 | Teacher | Student | Teaching Role |
| 2 | mbush(;)101815-8504-Summer | 70088 | Instructor |
| 3 | mbush(;)101815-8504-Summer | 90493 | Instructor |
| 4 | mbush(;)101815-8504-Summer | 90884 | Instructor |
| 5 | mbush(;)101815-8504-Summer | 100830 | Instructor |
| 6 | pholly(;)101815-8504-Summer | 70088 | Instructor |
| 7 | pholly(;)101815-8504-Summer | 90493 | Instructor |
| 8 | pholly(;)101815-8504-Summer | 90884 | Instructor |
| 9 | pholly(;)101815-8504-Summer | 100830 | Instructor |
| 10 | afong(;)101815-8504-Summer | 70088 | TA |
| 11 | afong(;)101815-8504-Summer | 90493 | TA |
| 12 | afong(;)101815-8504-Summer | 90884 | TA |
| 13 | afong(;)101815-8504-Summer | 100830 | TA |
| 14 | kknightley(;)101815-8504-Summer | 70088 | TA |
| 15 | kknightley(;)101815-8504-Summer | 90493 | TA |
| 16 | kknightley(;)101815-8504-Summer | 90884 | TA |
| 17 | kknightley(;)101815-8504-Summer | 100830 | TA |
| 18 | pking(;)101815-8504-Summer | 70088 | Lab |
| 19 | pmarr(;)101815-8504-Summer | 90493 | Lab |
| 20 | scrosby(;)101815-8504-Summer | 90884 | Lab |
| 21 | vsegal(;)101815-8504-Summer | 100830 | Lab |
| 22 | | | |




Our setup:

- 6 students are enrolled in the course, but 4 only have been added to the 3-Level Relationship file



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# 3-level relationship – General

- CURRENT: limited feature, license controlled
  - With 9.3: part of license

- CURRENT: requires special user-user (student-secondary subject) relationship datasource, which has to get added to the project
  - With 9.3: same

- CURRENT: requires using Secondary Subject Selection question with filter checkbox enabled
  - With 9.3: same

- CURRENT: 3rd level relationship not DIG-able
  - With 9.3: same

- CURRENT: Didn't work with Project Mapping
  - With 9.3: Now works with Project Mapping



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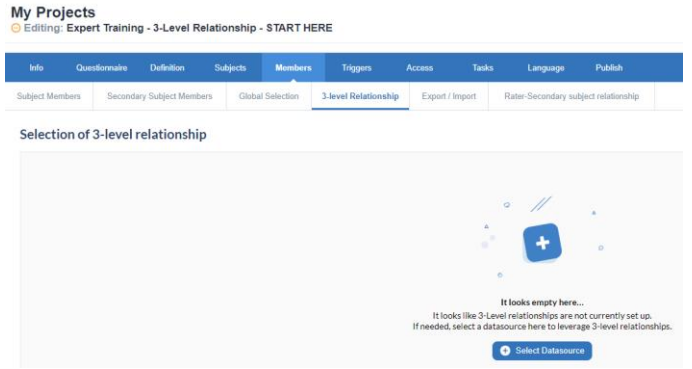
# Applying the 3-level relationship datasource

After creating and importing the 3lvl relationship datasource,

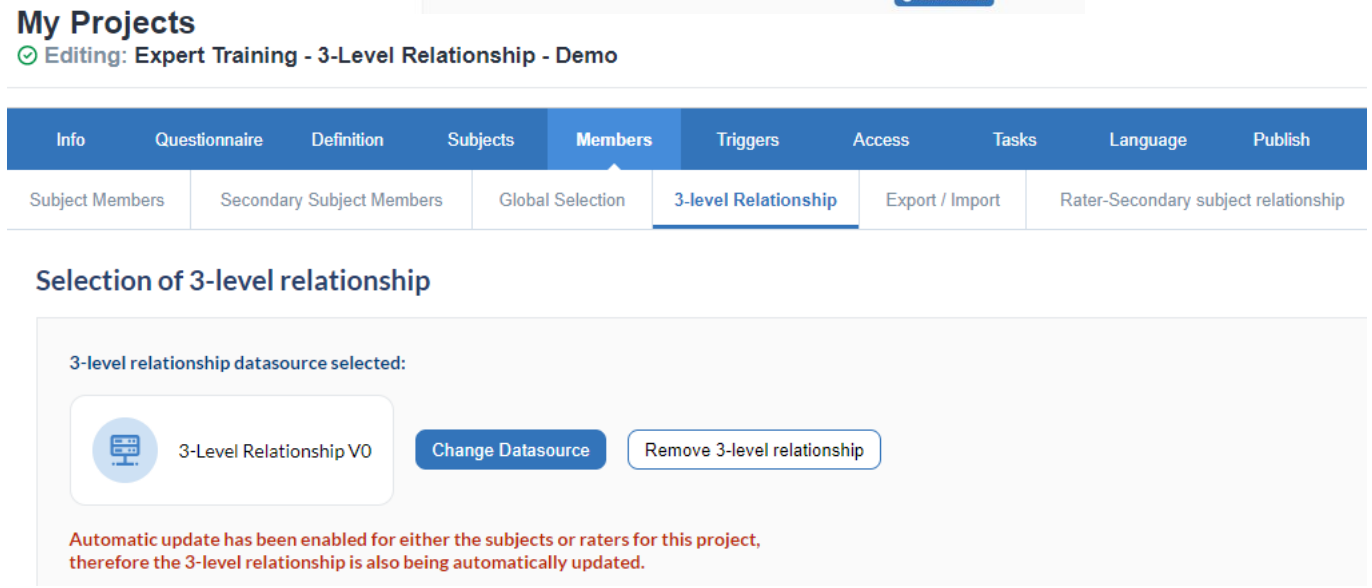
we go to the Project->Members->

3-level Relationship – select Datasource




Current:

- Will automatically update if subject or rater automatic update enabled




With 9.3:

- Same

➢ What does this mean?



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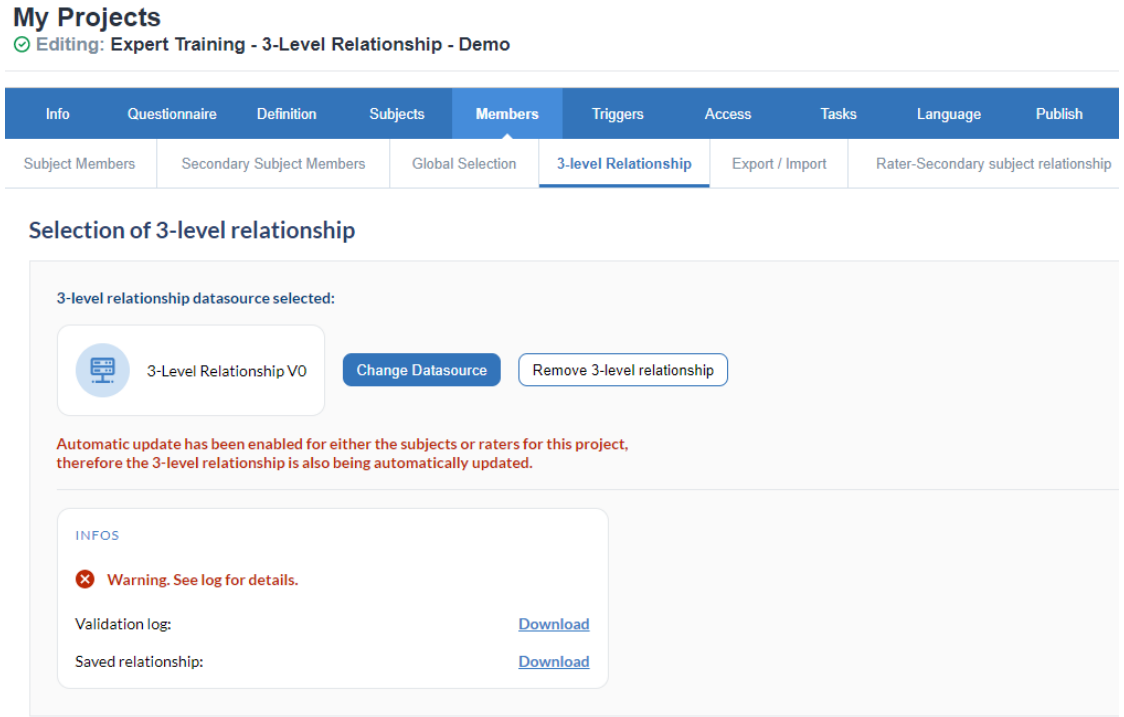
# Data Validation: An important step

Current:

- Validation had to be done outside of Blue

With 9.3:

- Validation now in Blue
- Project warnings
- Validation log will provide warnings of relationships out of sync
- Saved relationships - can view the 3lvl relationships included in project



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# Data Validation: Warnings

Project warnings:

- Alert Admin to go check validation log
- Alert Admin if the filter in the Secondary Subject Selectin question is not enabled

```
- Warnings have been detected in the 3-level relationship datasource. Please review the validation log in the 3-level relationship tab.
- Warning: The option to filter the list of available selections based on the 3-level relationship is not selected, so the 3-level relationship will not be used for the secondary subject selection question.
```

Validation log

- Missing student-secondary subject relationship missing
- Missing the 3rd level
- Etc.

| Primary subject | Secondary subject | Rater | Warning code | Warning message |
|---|---|---|---|---|
| 101815-8504-Summer | N/A | 60070 | 2 | The relationship between the subject and the rater exists in the project, but is missing from the 3-level relationship file. |
| 101848-9502-Summer | N/A | N/A | 1 | The subject is part of the project, but does not exist in the 3-level relationship file. |

- ➢ So, we have these warnings –but what do we do with them?
- ➢ Before we can make a decision – we need to know the expected behavior!


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# Warnings & impact on FO

| Primary subject | Secondary subject | Rater | Warning code | Warning message |
|---|---|---|---|---|
| 101815-8504-Summer | N/A | **60070** | 2 | The relationship between the subject and the rater exists in the project, but is missing from the 3-level relationship file. |
| **101848-9502-Summer** | N/A | N/A | 1 | The subject is part of the project, but does not exist in the 3-level relationship file. |

## Warning 1: The relationship between subject and rater exists in the project but is missing from the 3-level relationship file

- What does this mean?

- What impact will it have on the FO task for the student, will there be a one?
- What will it look like?



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# 3-level relationship – warnings & impact on FO

| Primary subject | Secondary subject | Rater | Warning code | Warning message |
|---|---|---|---|---|
| 101815-8504-Summer | N/A | **60070** | 2 | The relationship between the subject and the rater exists in the project, but is missing from the 3-level relationship file. |
| **101848-9502-Summer** | N/A | N/A | 1 | The subject is part of the project, but does not exist in the 3-level relationship file. |

**Warning 2: The subject is part of the project but does not exist in the 3-level relationship file**

- What does this mean?

- What impact will it have on the FO task for the student, will there be a one?
- What will it look like?



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# 3-level relationship – impact on Reporting

We've seen the impact on FO …

- what about Reporting?



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| Subject (S) exists in project | Secondary Subject (SS) exists in project | Student (R) exists in project | 3-Level Relationship file | CURRENT FO/Reporting Behaviour | 9.3 FO/Reporting Behaviour |
|---|---|---|---|---|---|
| Yes | Yes | Yes | S-SS-R Exist | SS evaluated in FO Tasks<br>*) Instructor report created<br>*) Course report created | SS evaluated in FO Tasks<br>*) Instructor report created<br>*) Course report created |
| Yes | Yes | Yes | R doesn't exist | *) SS is NOT evaluated in FO Task<br>*) R is NOT counted in Instructor report<br>*) R is NOT counted and NOT reported in Course report | *) SS is NOT evaluated in FO Task<br>*) R is NOT counted in Instructor report<br>*) R is counted and reported in Course report |
| Yes | Yes | Yes | Some SS exists but not all | *) For missing SS:<br>*) NOT evaluated in FO Task<br>*) NO responses for Instructor report<br>*) Response included in Course report | *) For missing SS:<br>*) NOT evaluated in FO Task<br>*) NO responses for Instructor report *)<br>*) Response included in Course report |
| Yes | Yes | Yes | No SS exists | *) SS is NOT evaluated in FO Task<br>*) Instructor report is NOT created<br>*) Course report NOT created | *) SS is NOT evaluated in FO Task<br>*) Instructor report is NOT created<br>*) Course report IS created |
| Yes | Optional (No) | Yes | Yes | *) SS is NOT evaluated in FO Task<br>*) Instructor report is NOT created<br>*) Course report NOT created | *) SS is NOT evaluated in FO Task<br>*) Instructor report is NOT created<br>*) Course report is created |
| Yes | Yes | No | Yes | FO is not created | FO is not created |

Instructor report = Individual type broken down by Secondary subject, Course report = Individual type with no breakdown

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# 3-level relationship & No SS

So, in the case where either the SS didn't exist in the 3rd-level OR the project had the SS optional option

- CURRENT :

➢ If we wanted to include those responses in the Course report, we would have to add a dummy ID for the secondary subject

- With 9.3:

➢ We no longer have to include a dummy ID as the responses will be included



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# Impact on Reporting cont'd – What about the Dashboard?

Now we know what kinds of reports are created (or not), but what about the content in Reports and the Dashboard?



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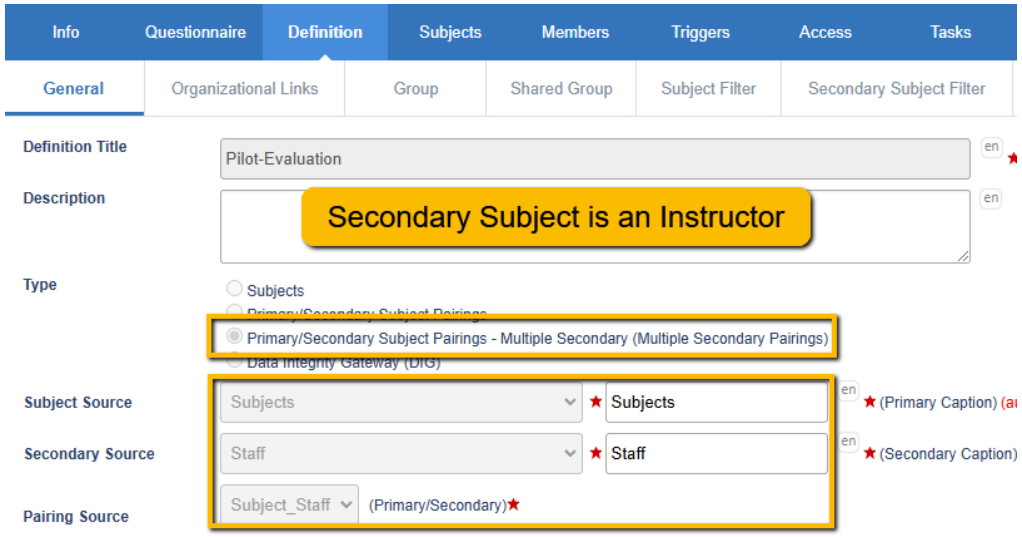
# 3-level relationship and Blue Dashboard access




- No change to access behaviour in 9.3
- With multiple-secondary/pairing projects, the Individual viewer is the secondary subject
- DRA/hierarchy setup provides Aggregate viewers access



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# 3-level relationship in Blue Reports and Dashboard

CURRENT & with Blue 9.3

ECON 101 – with 3 teachers

- 100 students attached to course
- In the 3rd level:
  - 40 students – teacher A
  - 60 students – teacher B
  - 0 student – teacher C
- 100% response rate

| | Respondent Count "Course Audience" | | | Respondent Count "Faculty Audience" | | |
|---|---|---|---|---|---|---|
| | A | B | C | A | B | C |
| Instructor Report | 40 | 60 | No report | 40 | 60 | No report |
| Course Report | 100 | | | 100 | | |
| Dashboard (at individual course level) | 100 | 100 | 100 | 40 | 60 | 0 |

- ➢ Instructor report – even course responses are filtered!
- ➢ Why is this important?

Instructor report = Individual type broken down by Secondary subject, Course report = Individual type with no breakdown


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# 3-level relationship and the Blue Dashboard

- For the Instructor report and the BD (when drilled down to the course level) – we may see a discrepancy in the attendance
  - This should be properly communicated

- What can we recommend if they wish to eliminate the discrepancy and match the Report with the BD?
  - Add group element (course average) to the Instructor report for the course questions


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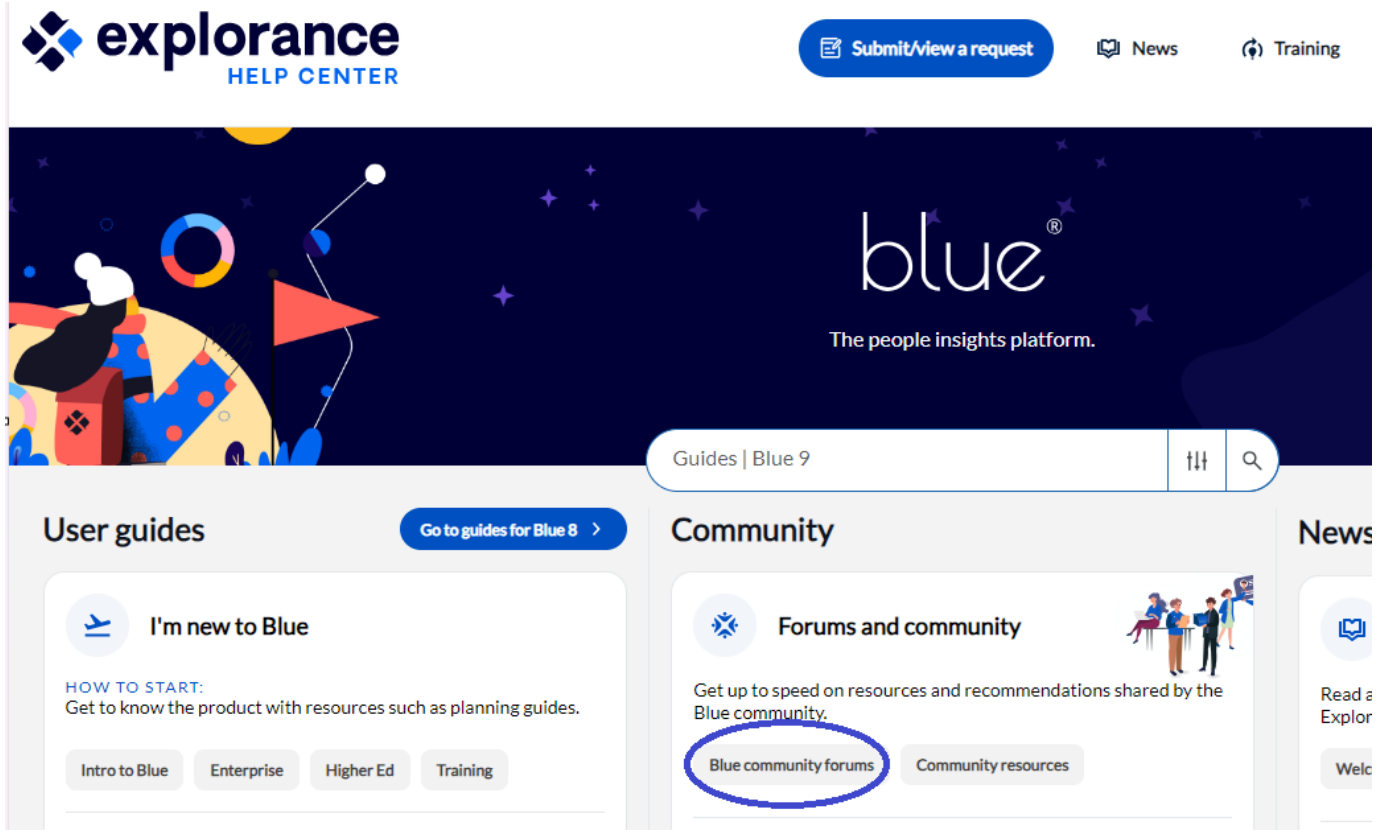
# Community resources



[Learning Webinar - Questions, Discussions, & Post-Webinar Follow-up] February 19: Boost Response Rates by Automating Course Component Selection for Students in Course Evaluations with 3-Level Relationships

https://support.explorance.com/hc/en-us/community/posts/34583606782868-What-s-New-Feb-2025-Edition-New-Project-Reports-Blue-Dashboard-using-3-LR-in-the-BN-CSSI

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# Resources

- https://onlinehelp.explorance.com/blue/en/Content/qs/3levelrelationshipimplementation.htm?Highlight=3-level
- (Webinar) Response Rate Optimization: Engaging Faculty and Students to Improve Response Rates | Explorance online help
- (Webinar) Various approaches to handling multi-section and team-taught course evaluations | Explorance online help
- Set up the response rate monitor | Explorance online help
- Create a public response rate export report with automatic update | Explorance online help
  - Configure a Feedback Block in BPI | Explorance online help
- Subject management (SM) task | Explorance online help
- Blue Dashboard guide | Explorance online help
- Configure report information | Explorance online help
  - Add a Cross Category Type Report Block | Explorance online help
  - Spreadsheet report block | Explorance online help

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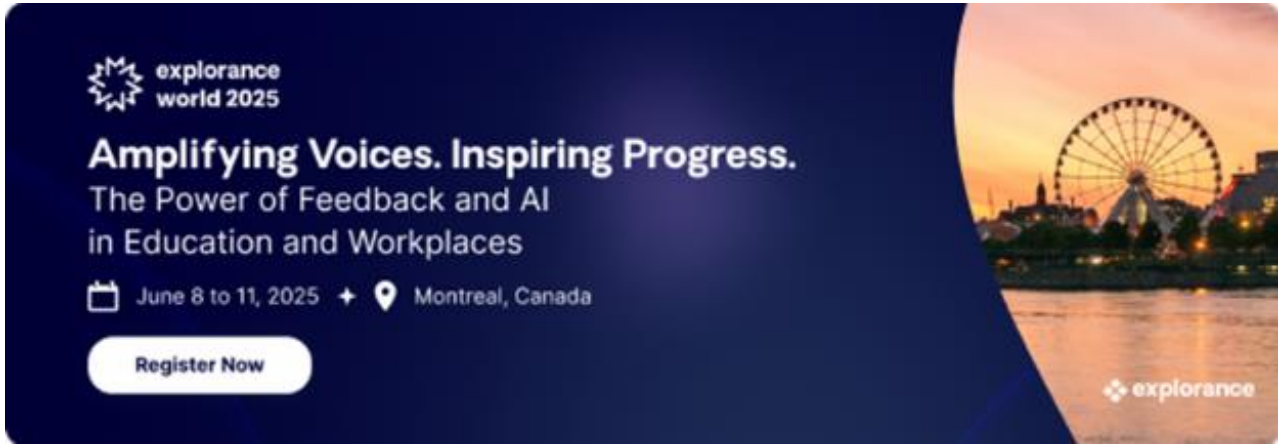
# Upcoming events

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# Q/A....Thank you!

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