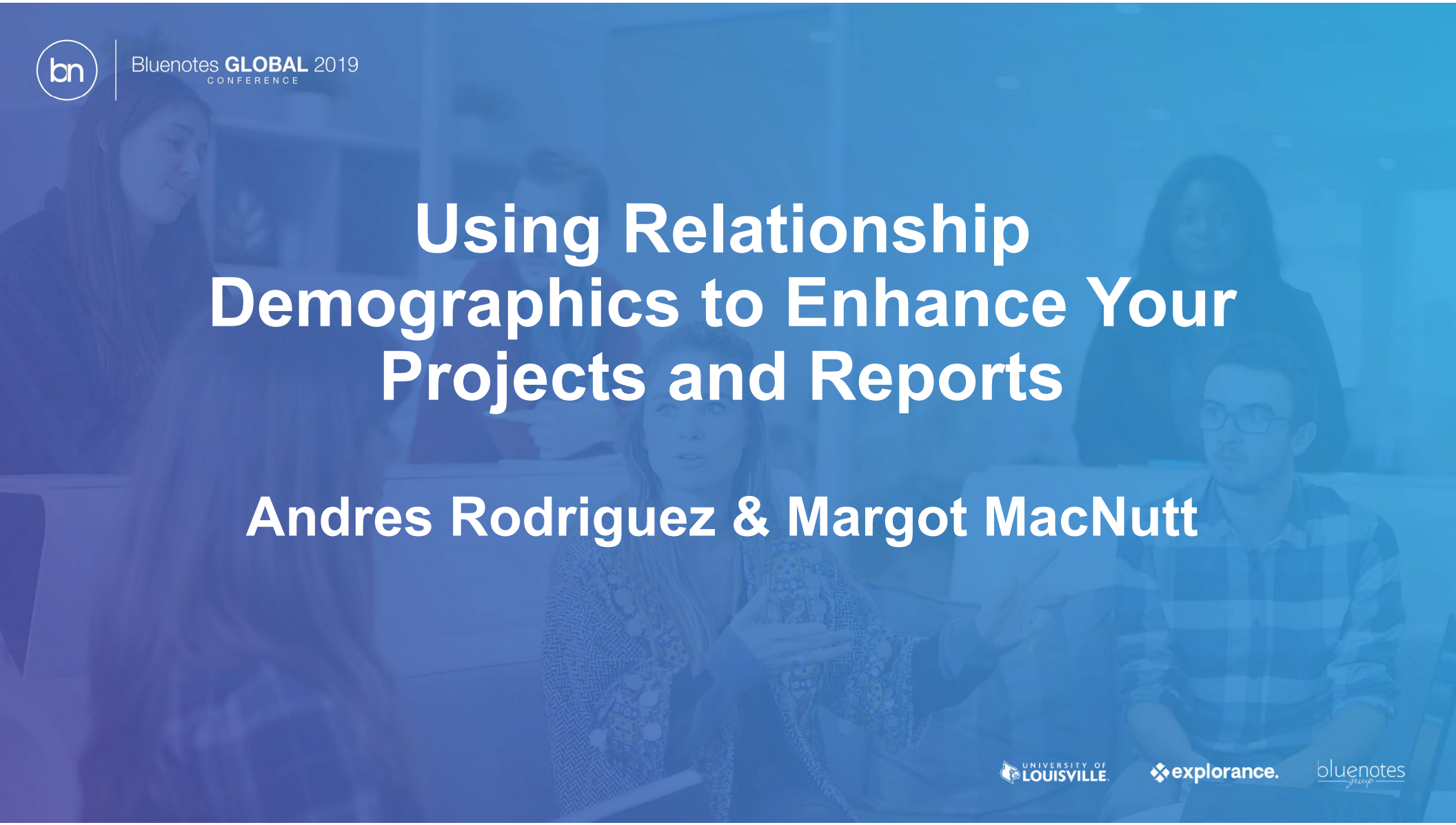
Bluenotes GLOBAL 2019
CONFERENCE
Using Relationship Demographics to Enhance Your Projects and Reports
Andres Rodriguez & Margot MacNutt
UNIVERSITY OF LOUISVILLE
explorance.
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What do we mean by relationship demographics?

- Additional columns of information in relationship datasources that provide more granular details about users' relationships to courses (subjects)
- You're no longer limited to 2!
- More flexibility and capabilities in questionnaire content and behavior, trigger options, filtering and reporting

Common scenarios

Course-Instructor relationships

- Multiple teaching roles: primary instructor, lab instructor, TA, lecturer, etc.
- Supports situations where same people have different roles for different courses
- Courses / instructors linked to different programs
- Any details unique/specific to the course-instructor pairing

	A	B	C	D	E
1	CourseID	UserID	TeachingRole	Position	Program
2	101815-85	afong	Instructor	Full time	Anthropology
3	101815-85	kknightley	Instructor	Full time	Anthropology
4	101815-85	mbush	TA	Adjunct	Arts & Sciences
5	101815-85	pholly	TA	Adjunct	Culture and Society
6	102033-10	bbaker	Instructor	Adjunct	Arts & Sciences
7	201821-65	afong	TA	Adjunct	Anthropology
8	201821-65	kknightley	Instructor	Full time	Anthropology
9	201821-65	mbush	TA	Adjunct	Arts & Sciences
10	201821-65	pholly	TA	Adjunct	Culture and Society
11	202047-70	jscott	Instructor	Full time	Engineering
12	202702-64	jscott	Lecturer	Full time	Engineering
13	302778-81	ldaniels	Instructor	Adjunct	Engineering

Common scenarios

Course-Student relationships

- Provide granular details about students' relationships to courses
- Are courses required or elective; attended in-class, online or a combo; are students Grads, Undergrads, Continuing Ed, etc.?

	A	B	C	D	E	F
1	CourseID	UserID	Core_Elective	Delivery	Level	Program
2	101815-85	70088	Elective	Online	Graduate	Anthropology
3	101815-85	90493	Core	In-class	Undergraduate	Anthropology
4	101815-85	90884	Core	In-class	Undergraduate	Anthropology
5	101815-85	70917	Core	In-class	Undergraduate	Anthropology
6	101815-85	100830	Core	In-class	Undergraduate	Anthropology
7	101815-85	80890	Core	In-class	Undergraduate	Anthropology
8	101815-85	80904	Elective	Online	Continuing Education	Anthropology
9	101815-85	70918	Elective	Online	Continuing Education	Anthropology
10	101815-85	90681	Elective	Online	Continuing Education	Anthropology
11	101815-85	90682	Elective	Online	Graduate	Anthropology
12	101815-85	90688	Audit	Online	Graduate	Anthropology

How can this information be used?

In the questionnaire:

- Questions based on instructor role or course delivery (trigger questions)
- Ability for students to select instructors to evaluate based on different roles (secondary subject selection)

Filters and Tasks

- Use the relationship data in filters, e.g. to limit access to tasks based on roles

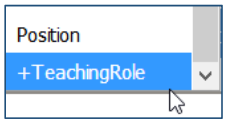
Reports

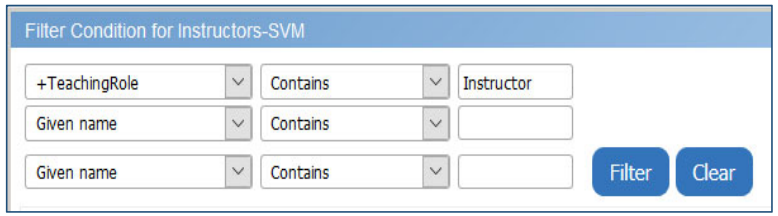
- Create aggregate reports based on instructor or student relationship data
- Cross-tabulate results using student demographic details

How can this information be used?

Information stemming from relationship data easy to identify in all filter mechanisms by plus sign (+) in front of field names

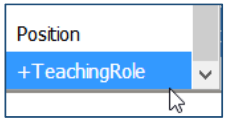
- Course-instructor demographics appear in all secondary subject data filters
- Course-student demographics appear in all student (rater) data filters

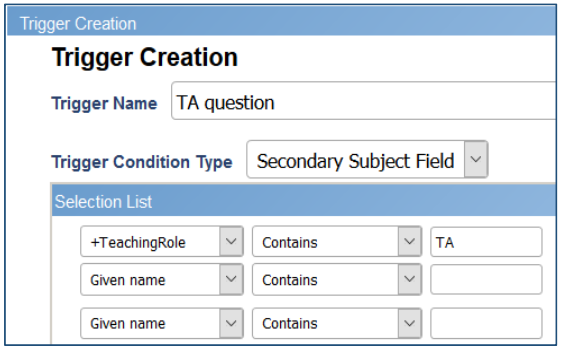




How can this information be used?

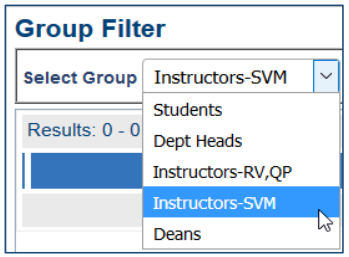
- Easily create triggers based on teaching role
- When instructors, TAs, lecturers, etc., are evaluated using different sets of questions

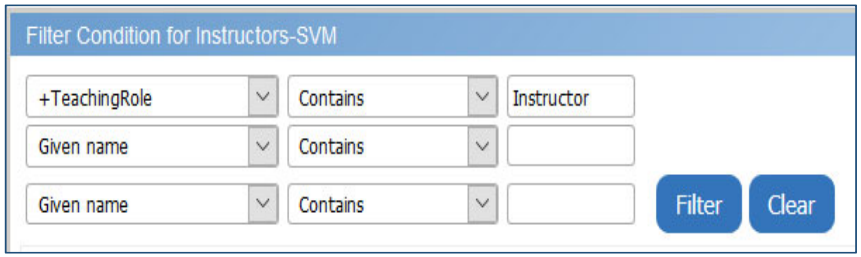


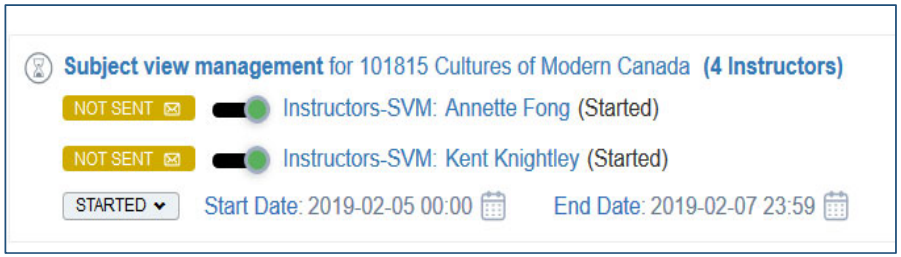


How can this information be used?

- Use filters to isolate tasks to people with specific roles, e.g. SVM task for full instructors only
- Example below: 2 instructors & 2 TAs for course (4 total), but group filter can isolate task to instructors

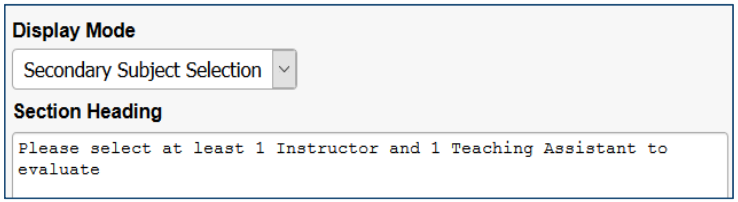


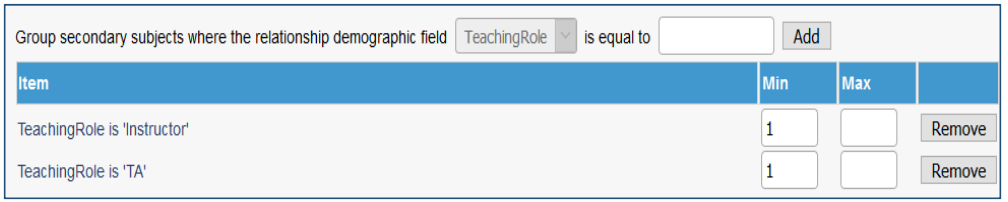


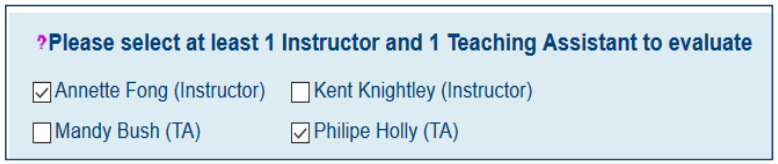


How can this information be used?

- Enable students to choose instructors, TAs, lecturers to evaluate based on teaching role using Secondary Subject Selection option
- Thresholds to ensure minimum number of selections met per group

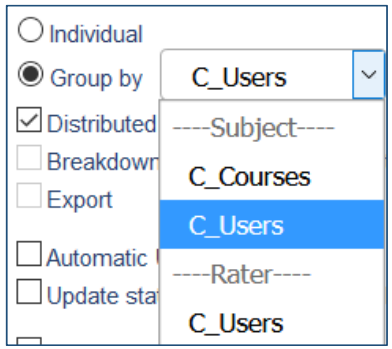


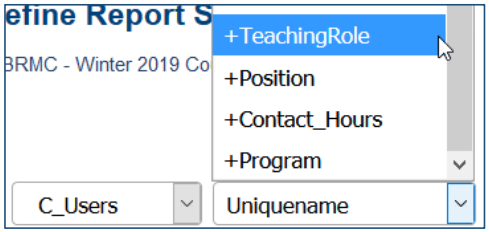




Aggregate reports using demographic groups

- Can create *Group by* reports using instructor data: Subject > Users > choose group
- Or use student data: Rater > Users > choose group

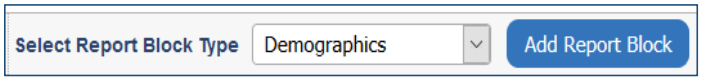




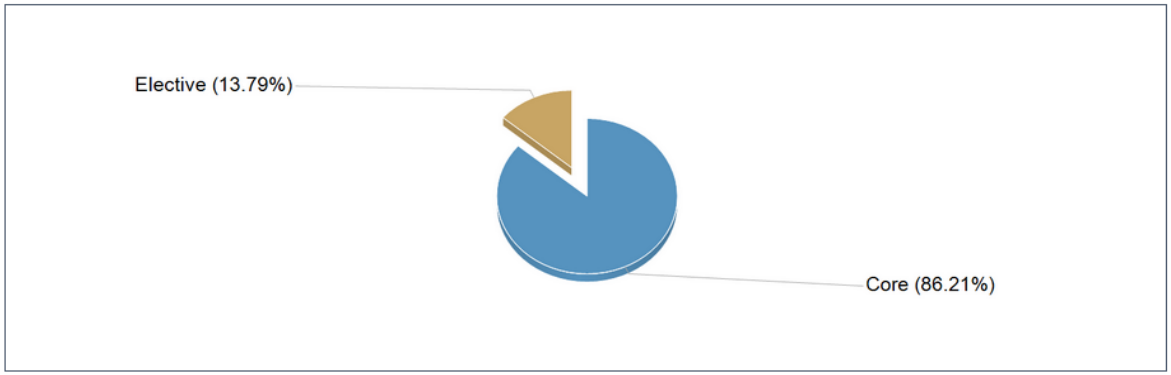
	A	B	C	D	E	F
1	Course_ID	Teacher_ID	Teaching Role	Contact_Hours	Position	Program
2	101815-85	afong	TA	35	Full time	Mathematics
3	101815-85	kknightley	TA	30	Full time	Social Studies
4	101815-85	mbush	Teacher	30	Full time	Psychology
5	101815-85	pholly	Teacher	30	Part time	Economics
6	102033-10	bbaker	Teacher	30	Part time	Mathematics
7	201821-65	afong	Teacher	20	Part time	Social Studies
8	201821-65	kknightley	Teacher	30	Part time	Psychology
9	201821-65	mbush	TA	20	Full time	Economics
10	201821-65	pholly	TA	30	Full time	Mathematics
11	202047-70	jscott	Teacher	35	Part time	Social Studies
12	202702-64	jscott	Teacher	35	Part time	Psychology

Use demographic data within the reports

Select the data as demographic blocks



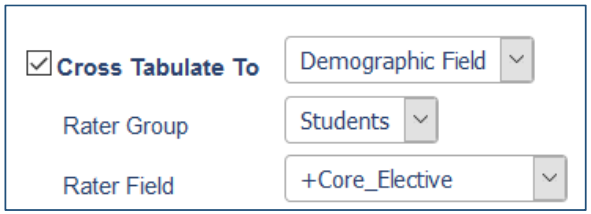
Core vs. Elective

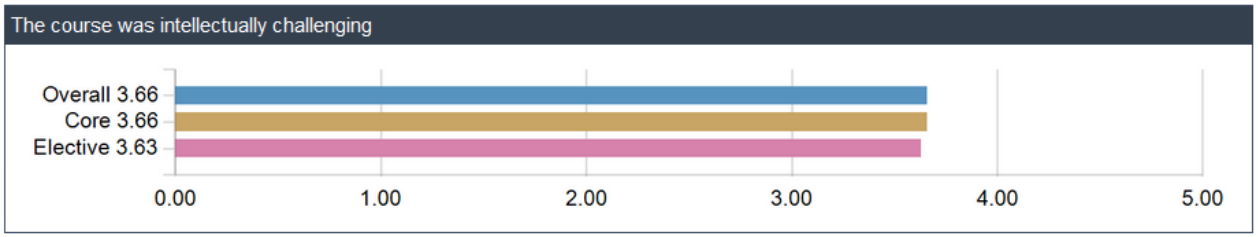


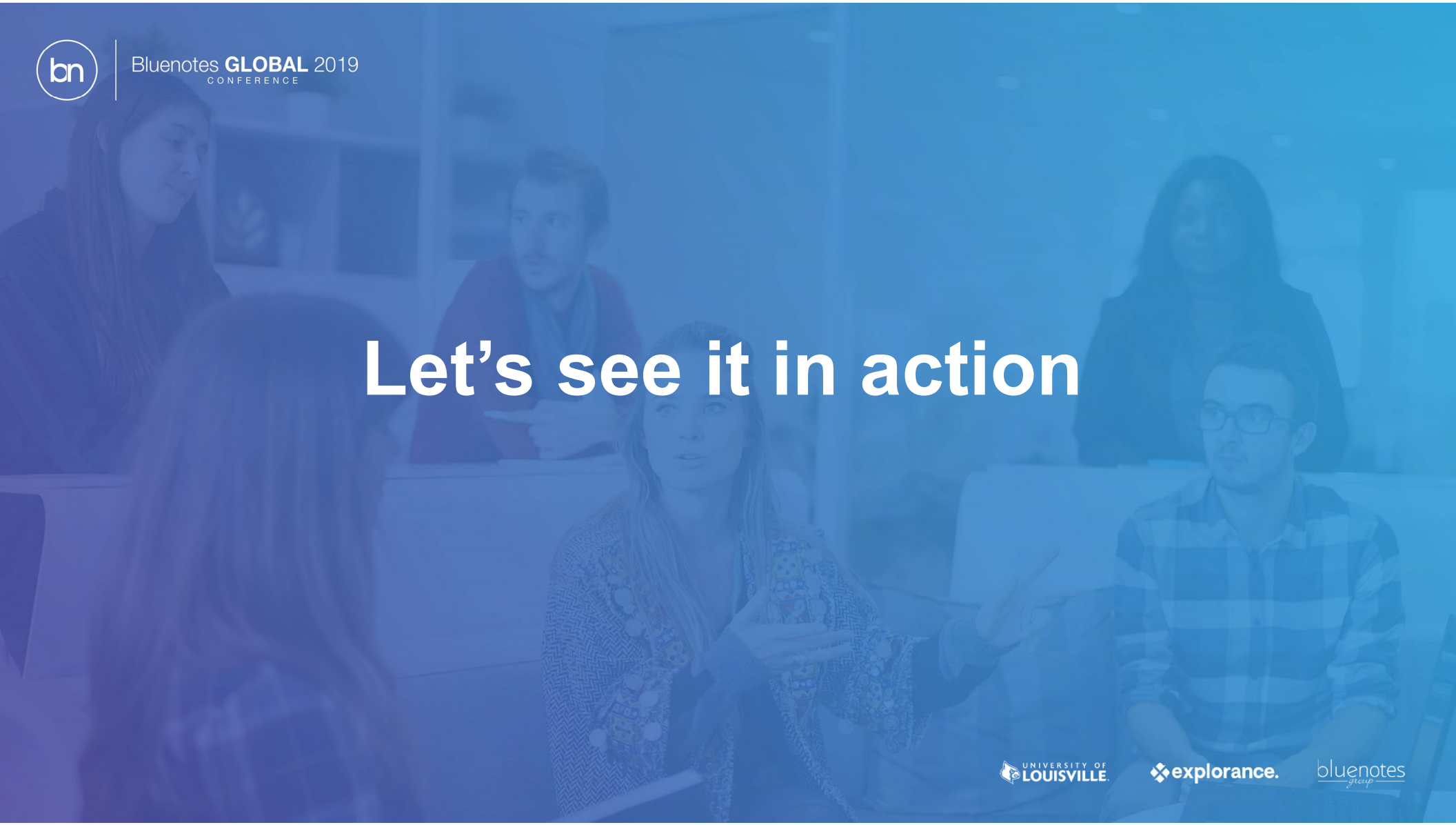
	A	B	C	D	E	F	G
1	Course_ID	Student_ID	Program ID	Program Name	Dropped-Course	Core-Elective	Ready to Evaluate
2	101815-8504-Summer	70088	BC234	Bachelor of Culture and Society	No	Core	Yes
3	101815-8504-Summer	90493	BC234	Bachelor of Arts	No	Elective	Yes
4	101815-8504-Summer	90884	BC234	Bachelor of Culture and Society	No	Core	Yes
5	101815-8504-Summer	100830	BC234	Bachelor of Culture and Society	No	Core	Yes
6	101815-8504-Summer	70918	BC234	Bachelor of Culture and Society	No	Core	Yes
7	101848-9502-Summer	90610	BA543	Bachelor of Arts	No	Core	Yes
8	101848-9502-Summer	70088	BA543	Bachelor of Arts	No	Core	Yes
9	101848-9502-Summer	90493	BA543	Bachelor of Arts	No	Core	Yes
10	101848-9502-Summer	90884	BA543	Bachelor of Arts	No	Core	Yes
11	101848-9502-Summer	100830	BA543	Bachelor of Arts	No	Elective	Yes
12	101848-9502-Summer	70918	BA543	Bachelor of Arts	No	Core	Yes
13	102033-1041-Summer	90610	BA543	Bachelor of Arts	No	Core	Yes

Use demographic data within the reports

Use demographic data to cross-tabulate / compare results between groups



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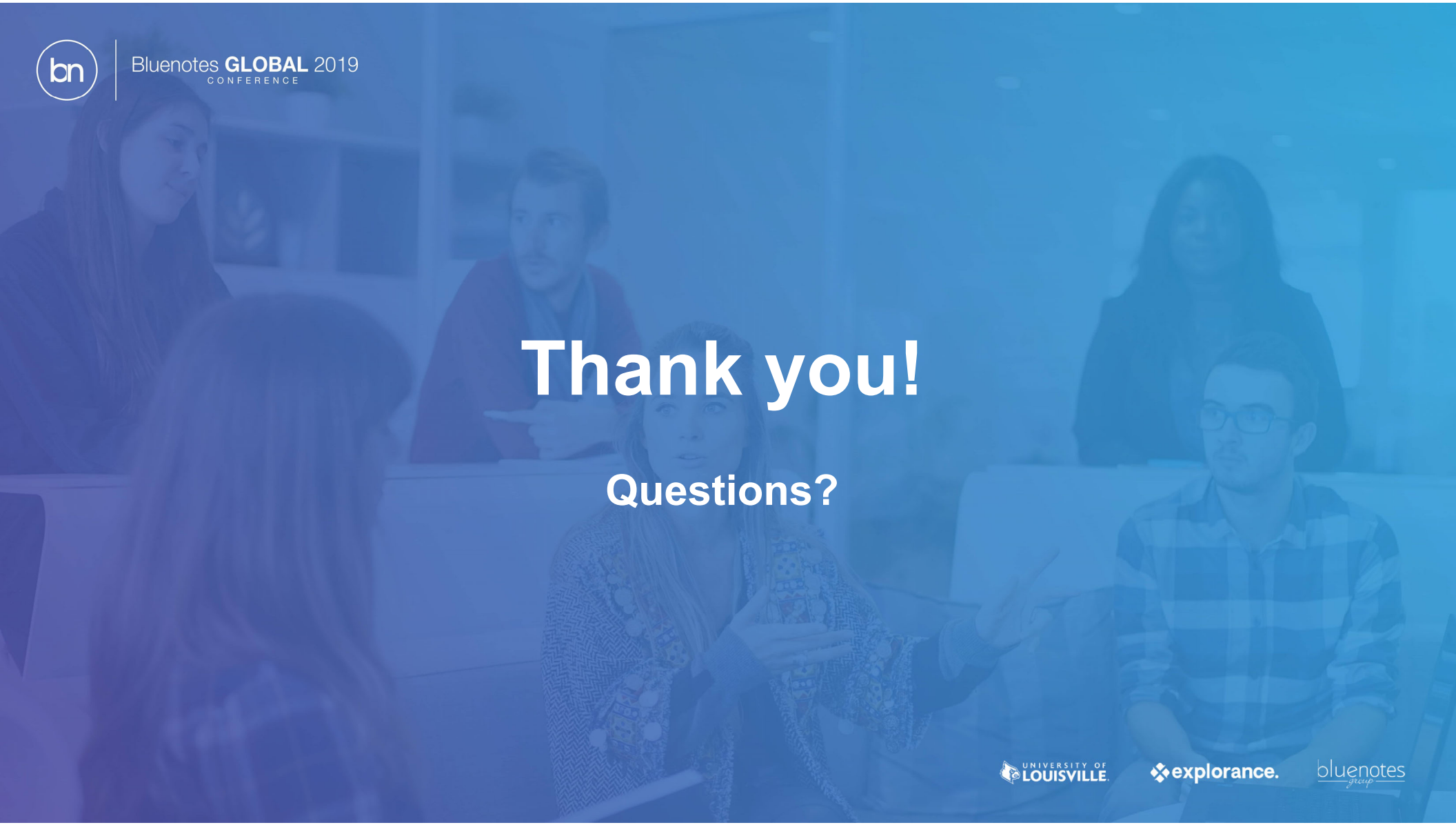
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