

Data your unit can use



Claire Matese & Austin Hocker

Objectives



- 1) Learn how to access data resources at the UO
- 2) Inspire you to engage with your department's data



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Why Departments Need Data



Data

Reporting

Analysis

Understanding



Assessment

Resource
Allocation

Accreditation

Program
Improvement

Grant
Applications

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UO Data Resources



Primary Resources

- **IR** (Institutional Research)
- **IDR** (Integrated Data & Reporting)

Secondary & Special Resources

- **OtP Research & Assessment** (TEP)
- **Registrar's Office**
- **Student Life Research & Assessment**
- **Research & Innovation** (VPRI)

Other Available Data & Reporting

UO Data Resources



PRIMARY RESOURCES

- **IR** (Institutional Research)
- **IDR** (Integrated Data & Reporting)

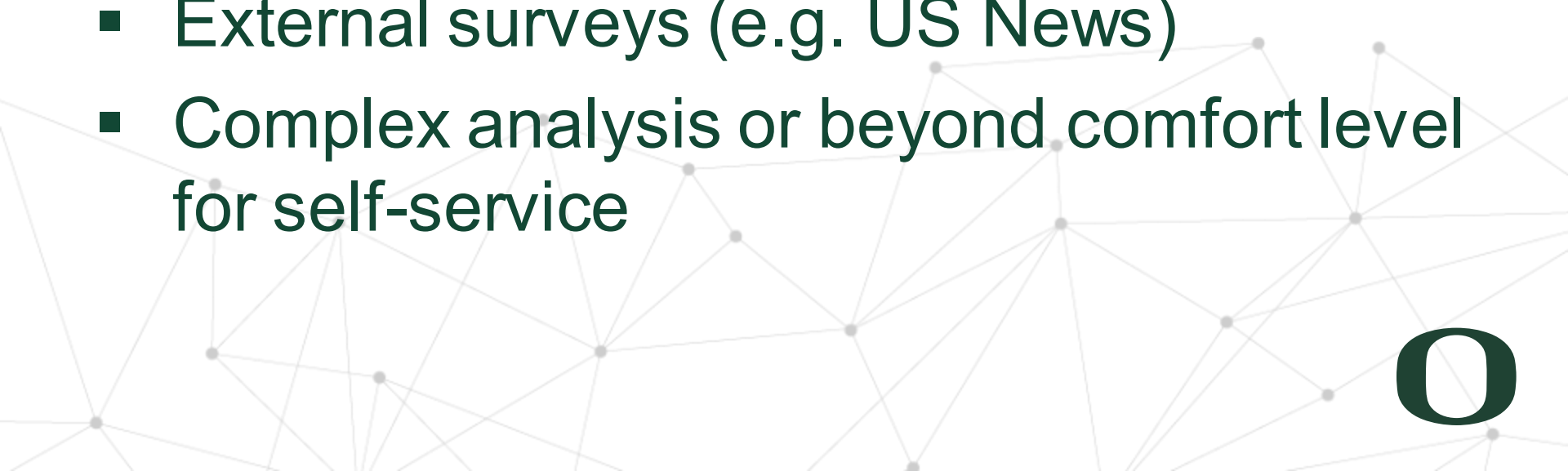
Secondary & Special Resources

- **OtP Research & Assessment** (TEP)
- **Registrar's Office**
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Other Available Data & Reporting

When should you use IR?



- Need to match “official” reporting
 - Institutional data
 - Comparator data (e.g. AAU)
 - Accreditation
 - External surveys (e.g. US News)
 - Complex analysis or beyond comfort level for self-service
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IR's website



ir.uoregon.edu



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Website Treasure Hunt



Can you find:

The change in international student enrollment in LCB.

The average UO salary for a full professor in Biology compared to AAU peers.

The total cost of attendance for nonresidents in the 2014-15 academic year.



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Protected Data



or,

“Why can’t I find much
information about my
department on IR’s website??”



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Protected Data

- Family Educational Rights and Privacy Act (FERPA)
- Oregon State Statute
- “Rule of 10”


Department A — Class Standing by Gender

Gender	CLASS STANDING					Total
	<i>Freshmen</i>	<i>Sophomore</i>	<i>Junior</i>	<i>Senior</i>		
Male	5	10	8	9		32
Female	7	11	4	12		34
Total	12	21	12	21		66



What is it like to work with IR?



- We are customer-service oriented
 - ... but we benefit from lead time!
 - We ask a lot of questions
 - We like to look for opportunities to create reporting with broad interest
 - We do our best work with active involvement from those requesting the work
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Operational Metrics

OPERATIONAL METRICS - DEPARTMENT

A Department

<i>Primary Operational Metrics</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>
1. Average TTF SCH (UG and GR - academic year only) per TTF academic year FTE	969.5	834.1	761.5	653.6	892.2
2. Average NTTF SCH (UG and GR - academic year only) per NTTF academic year FTE	2,612.4	1,124.2	2,311.6	1,802.5	2,614.2
3. Number of UG majors per TTF academic year FTE	15.9	14.7	13.0	9.5	10.4
4. Type Ila expenditures per SCH (excludes summer)	12.6	15.6	16.7	25.3	14.6
5. Type III expenditures per SCH (including summer)	18.7	17.8	19.4	18.7	14.9
6. Type III expenditures per academic year TTF FTE	28,582.6	25,878.1	26,118.1	27,294.9	28,596.3
7. Total Type I through III expenditures per Total SCH (including summer)	147.7	169.4	197.6	186.4	148.8
<i>Secondary Operational Metrics</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>
1. Overall percentage of TTF course workload realized (see notes)	-na-	-na-	-na-	-na-	-na-
2. Academic year TTF FTE per GF Staff FTE (OA + Classified)	5.0	5.1	5.0	4.6	4.6
3. Total Instructional FTE per GF Staff FTE (OA + Classified)	5.8	6.1	6.0	6.3	5.6
4. Majors (UG and Grad) per GF Staff FTE (OA + Classified)	90.8	85.2	78.0	54.5	59.2
5a. Average UG class size (academic year)	60.2	59.6	49.8	60.1	72.3
5b. Median UG class size (academic year)	30.0	30.0	30.5	41.0	46.0
6. UG degrees per academic year TTF FTE	5.0	6.2	5.7	3.9	3.7
7a. Number of PhD, JD, DEd, MFA degrees per TTF academic year FTE	0.24	0.12	0.13	0.14	0.06
7b. Number of PhD degrees per TTF academic year FTE	0.24	0.12	0.13	0.14	0.06
8. Number of other graduate degrees per TTF academic year FTE	0.24	0.24	0.06	0.40	0.18

Notes:

- Student credit hours are based on the 4-week census. Continuing Education and AEIS credits are not included. Law semester hours are converted to term.
- Student credit hours are organized by the *Pay Organization*.
- Major counts represent the prorated average of fall, winter, and spring.
- Degree counts for the fiscal year are grouped by summer, fall, winter, and spring. Degree counts are prorated.
- The calculation of academic year FTE excludes summer research GEs and faculty and summer session GEs and faculty.
- Graduate students are included in the calculation of average and median class size in cross-listed courses.
- Percentage of TTF course workload realized is not yet available and is held for future expansion.

Sources:

- Expenditure types I, II, III: Enterprise Personnel workbooks.
- TTF, NTTF and Staff (OA and classified) FTE: Enterprise Personnel workbooks.
- SCH, NTTF SCH, Summer SCH: Student data based on IR fourth-week snapshots that are merged with the Enterprise Personnel data.
- Majors and Degrees awarded: IR's fourth-week snapshots.

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Example: What do *YOU* see?

OPERATIONAL METRICS - DEPARTMENT

A Department

<i>Primary Operational Metrics</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>
1. Average TTF SCH (UG and GR - academic year only) per TTF academic year FTE	503.1	514.2	442.4	461.5	371.7
2. Average NTTF SCH (UG and GR - academic year only) per NTTF academic year FTE	1,916.0	1,639.0	1,738.9	1,625.0	1,768.4
3. Number of UG majors per TTF academic year FTE	9.7	10.6	10.1	9.8	10.0
4. Type IIa expenditures per SCH (excludes summer)	16.4	23.3	24.8	25.5	26.2
5. Type III expenditures per SCH (including summer)	9.2	8.8	11.1	12.7	12.4
6. Type III expenditures per academic year TTF FTE	21,590.7	20,759.6	25,643.8	27,855.4	27,807.7
7. Total Type I through III expenditures per Total SCH (including summer)	118.5	128.1	140.0	145.9	149.3
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1. Overall percentage of TTF course workload realized (see notes)	-na-	-na-	-na-	-na-	-na-
2. Academic year TTF FTE per GF Staff FTE (OA + Classified)	5.9	5.6	5.3	5.2	5.3
3. Total Instructional FTE per GF Staff FTE (OA + Classified)	8.6	9.0	8.5	8.4	8.7
4. Majors (UG and Grad) per GF Staff FTE (OA + Classified)	70.7	72.4	67.2	62.1	64.8
5a. Average UG class size (academic year)	39.4	39.1	39.1	40.1	38.9
5b. Median UG class size (academic year)	32.0	30.0	30.0	30.0	30.0
6. UG degrees per academic year TTF FTE	2.2	1.8	2.6	1.9	2.4
7a. Number of PhD, JD, DEd, MFA degrees per TTF academic year FTE	0.23	0.15	0.30	0.18	0.37
7b. Number of PhD degrees per TTF academic year FTE	0.23	0.15	0.30	0.18	0.37
8. Number of other graduate degrees per TTF academic year FTE	0.15	0.34	0.34	0.18	0.19

Notes:

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Other Available Data & Reporting

IDR & Cognos



Learn about and Request access [here](#)



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IDR & Cognos



Existing, “on demand” data reporting

- Finance
- HR
- Student Reports
- Teaching Evaluation



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Cognos Examples



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Cognos Examples

Students Not Registered

Students not Registered

Term Registered: 202001 (Fall 2020)
 Term Unregistered: 202003 (Spring 2021)
 Student Level: UG - Undergraduate
 Department: ANTH (Anthropology)
 Count: 4



Students not Registered

Term Registered: 202001 (Fall 2020)

Term Unregistered: 202003 (Spring 2021)

Student Level: UG - Undergraduate

Department: ANTH (Anthropology)

OR

Major: ACTG (Accounting)
 ADMR (Advertising & Brand Mgmt)
 AEGP (American Engl Graduate Prep)
 AEII (Intensive English Program)
 AEIP (American Engl Special Programs)
 ALAW (American Law)
 ARMA (Arts Management)
 ARMG (Arts Management)
 ANTH (Anthropology)
 APHY (Applied Physics)
 ARBF (Art)

OR

ID:

Term Registered	Term Unregistered	Confidentiality	ID	Name	Student Class.	Student Level	Majors	Departments	Email	Primary Advisor	Other Advisors	Degree Code	Degree Status	Degree Term
202001	202003		95000000X	Masked Student	JR	UG	[ANTH]	[ANTH]	email@uoregon.edu	Clawson, Lora L	Global Connections - Tykeson,	BS	AP	202004
202001	202003		95000000X	Masked Student	SR	UG	[PINS ANTH]	[INTL ANTH HC]	email@uoregon.edu	Jacobsen, Trond E	Clawson, Lora L Global Connections - Tykeson,			
202001	202003		95000000X	Masked Student	SO	UG	[ANTH]	[ANTH]	email@uoregon.edu	Global Connections - Tykeson,	Clawson, Lora L			
202001	202003		95000000X	Masked Student	SR	UG	[RL ANTH]	[RL ANTH]	email@uoregon.edu	Davis, Robert	Clawson, Lora L Global Connections - Tykeson,			



Cognos Examples

Student Data (with GPA)

Student Data with GPA

Term: 202001 (Fall 2020)

Level: UG (Undergraduate)

Registered Students Only? No

Count: 256



UNIVERSITY OF OREGON Student Data with GPA

Required filters

Term:

Student Level: ☒ UG (Undergraduate) ☐ GR (Graduate) ☐ LIF (Lifelong)

☒ All Students ☐ Registered Students Only

☒ Official Major/Minor (Listed in Banner as of 2nd week) ☐ Current Major/Minor (Matches Degree Guide)

Optional filter values:

Optional filters

- Major
- Minor
- Class Standing
- Cohort
- Dean's List
- Advisor
- Student ID
- College
- Department

Display additional information

- ☐ Email
- ☐ Phone
- ☐ Address
- ☐ Honors College Flag
- ☐ International Student Flag
- ☐ Cohort
- ☐ Dean's List
- ☐ Attributes
- ☐ Display All Advisors
- ☐ GPA and Cumulative Hours (only computes GPA/hours matching level)

[Report Help](#)

Confidential	ID	Last Name	First Name	Middle	Class Standing	Major 1	Major 2	Major 3	Major 4	Minor 1	Minor 2	Minor 3	Minor 4	Concentrations	Primary Advisor	Admit Term	Registered 202001	Term Hours
	95000000X	Student	Masqued	M	Senior	ANTH								[AARC]	Clawson, Lora L	201701	N	0
	95000000X	Student	Masqued	M	Junior	ANTH								[AARC]	Clawson, Lora L	201801	Y	8
	95000000X	Student	Masqued	M	Sophomore	ANTH								[ABIO]	Clawson, Lora L	201901	Y	16
	95000000X	Student	Masqued	M	Freshman	ANTH				ART				[ACLT]	Clawson, Lora L	201901	Y	12
	95000000X	Student	Masqued	M	Sophomore	ANTH	PS							[ACLT]	Clawson, Lora L	201801	Y	16
	95000000X	Student	Masqued	M	Senior	ANTH									Global Connections - Tykeson,	201902	N	0
	95000000X	Student	Masqued	M	Senior	ANTH									Clawson, Lora L	201901	N	0
	95000000X	Student	Masqued	M	Senior	ANTH								[AARC]	Global Connections - Tykeson,	201703	Withdrew	0
	95000000X	Student	Masqued	M	Junior	ANTH									Global Connections - Tykeson,	202001	Y	9

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SECONDARY & SPECIAL RESOURCES

- **OtP Research & Assessment** (TEP)
- **Registrar's Office**
- **Student Life Research & Assessment**
- **Research & Innovation** (VPRI)

Other Available Data & Reporting

Secondary Resources



- OtP Research & Assessment (TEP)
- Registrar's Office
<https://registrar.uoregon.edu/statistics>
- Student Life Research & Assessment
<https://studentlife.uoregon.edu/research>
- Research & Innovation (VPRI)
<https://research.uoregon.edu/priorities-and-impact/reports>
- Public-facing reporting + the people behind the scenes

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OTHER AVAILABLE DATA & REPORTING

Examples of departmental data



UNIVERSITY OF
OREGON

Graduate School



Admissions
Selectivity



Enrolled Students



Employment &
Support



Degrees &
Completion



Survey Results



Admissions Funnel

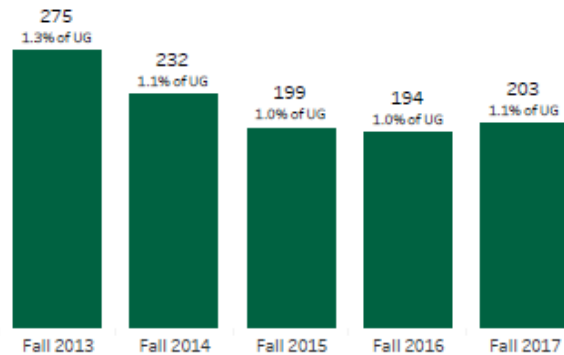


Examples of departmental data

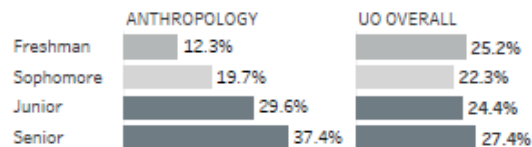
Profile of Undergraduate Students with a major in ANTHROPOLOGY

The data in this report are subject to FERPA and must be kept confidential. This report and the data therein may not be redistributed or made public in any way.

MAJORS

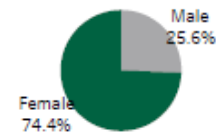


CLASS STANDING, Fall 2017



PROFILE OF ENROLLED STUDENTS, Fall 2017

GENDER



During these same terms, 46.4% of UO undergraduate students were male and 53.6% were female

UNDERREPRESENTED MINORITY STUDENTS

14.3% of ANTHROPOLOGY students

15.1% of All students

Based on federal race/ethnicity definitions, including Hispanic/Latino, American Indian/Alaska Native, Black/African American, and Native Hawaiian/Other Pacific Islander. Students selecting "Two or More" races have been excluded.

PELL ELIGIBILITY*

39.4% of ANTHROPOLOGY students

25.1% of All students

Students offered a Pell grant during the same academic year

UG Profile: Accessing Reports

- 1) Select your unit
- 2) Select "Files" Tab
- 3) Find your department

The screenshot displays the 'UG Profile - General' interface. On the left, a sidebar shows a list of department profiles under the heading 'O365_Department Profiles'. The 'General' tab is selected, and the 'UG Profile - General' item is highlighted. The main content area shows the 'Files' tab, which contains a table of files. The table has columns for 'Name' and 'Mod'. The files listed are:

Name	Mod
_DeptProfile_SAMPLE.pdf	Yest
_DeptProfile_SAMPLE_appendix.pdf	6 hc
SSS2021_PP20210203.pptx	Yest
SSS2021_PP20210205.pptx	A fe

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UG Profile: (Brief) Deep Dive

UG Profile

- 1) Pick a demographic group
- 2) Any interesting findings in group's representation? How does this fit within the context of the institution?

UNDERREPRESENTED MINORITY STUDENTS

20.7% of SAMPLE DEPARTMENT students

17.9% of All students

Based on federal race/ethnicity definitions, including Hispanic/Latino, American Indian/Alaska Native, Black/African American, and Native Hawaiian/Other Pacific Islander. Students selecting "Two or More" races have been excluded.

PELL ELIGIBILITY*

23.5% of SAMPLE DEPARTMENT students

24.5% of All students

Students offered a Pell grant during the same academic year

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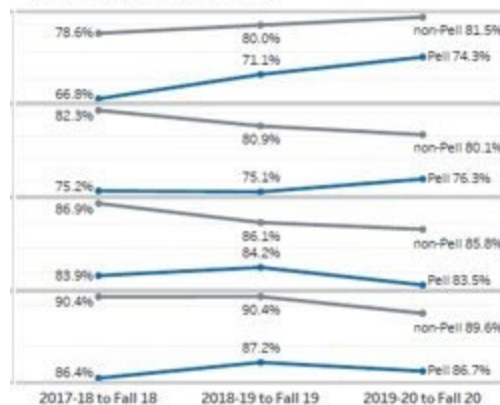
UG Profile: (Brief) Deep Dive

UG Profile Appendix

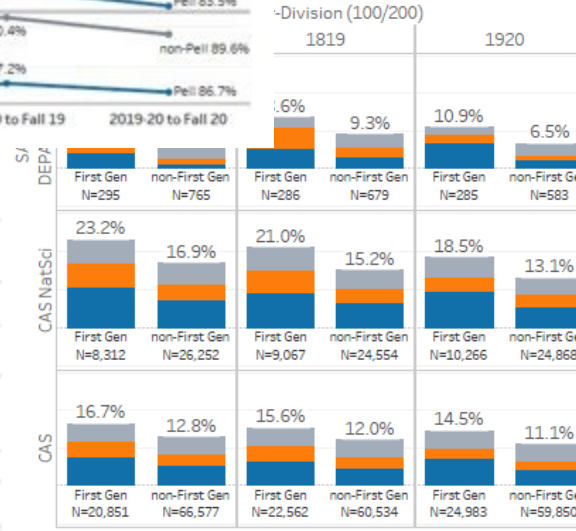
- 1) How well is that group retained/graduated in your department?
- 2) How do the course outcomes differ for each group?

- ❖ Is there a difference in DFNW rate?
- ❖ Is the DFNW mostly DF N or W?
- ❖ Does it look different for lower- vs upper-division courses?

Retention to and/or Graduation by Following Fall in SAMPLE DEPARTMENT for UG Students, by Pell Status with Institutional Comparisons

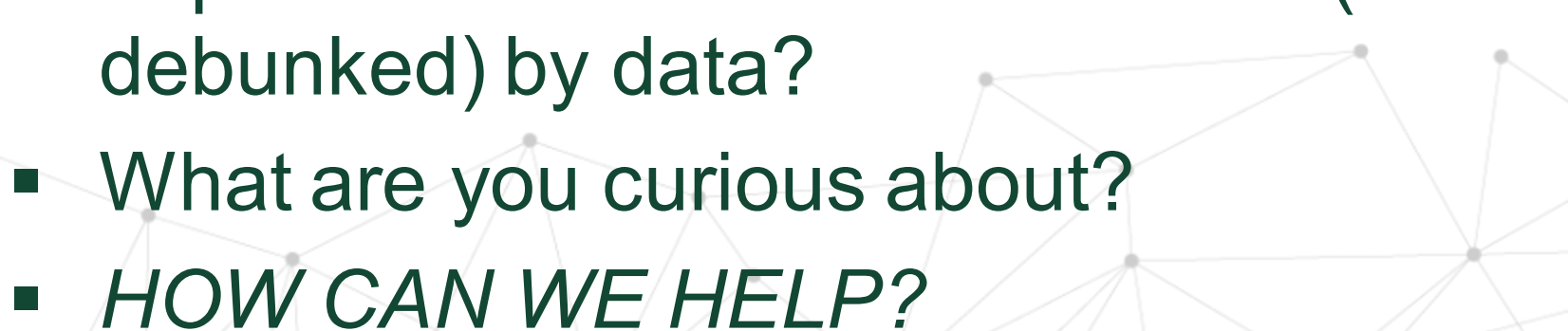


UG Courses in SAMPLE DEPARTMENT by Division (100/200)



Brainstorm



- What problems does your department have that could be addressed if you had more data?
 - What anecdotes do you have about your department that could be affirmed (or debunked) by data?
 - What are you curious about?
 - *HOW CAN WE HELP?*
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In Closing



THINK ABOUT DATA



ASK ABOUT DATA

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Questions?



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