

UB Business Days 2023

Informed Decision-Making with Actionable Intelligence Dashboards

Brian O'Connor, AVP for Data Analytics
Office of Institutional Analysis (OIA)
Institutional Analytics Team

 **University at Buffalo** The State University of New York

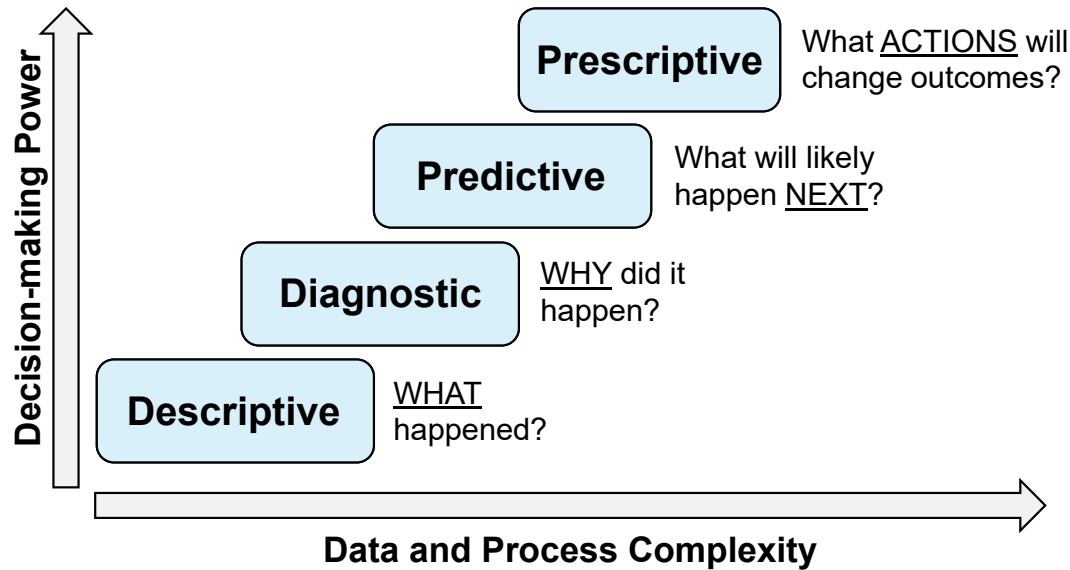


A Story of Actionable Intelligence at UB

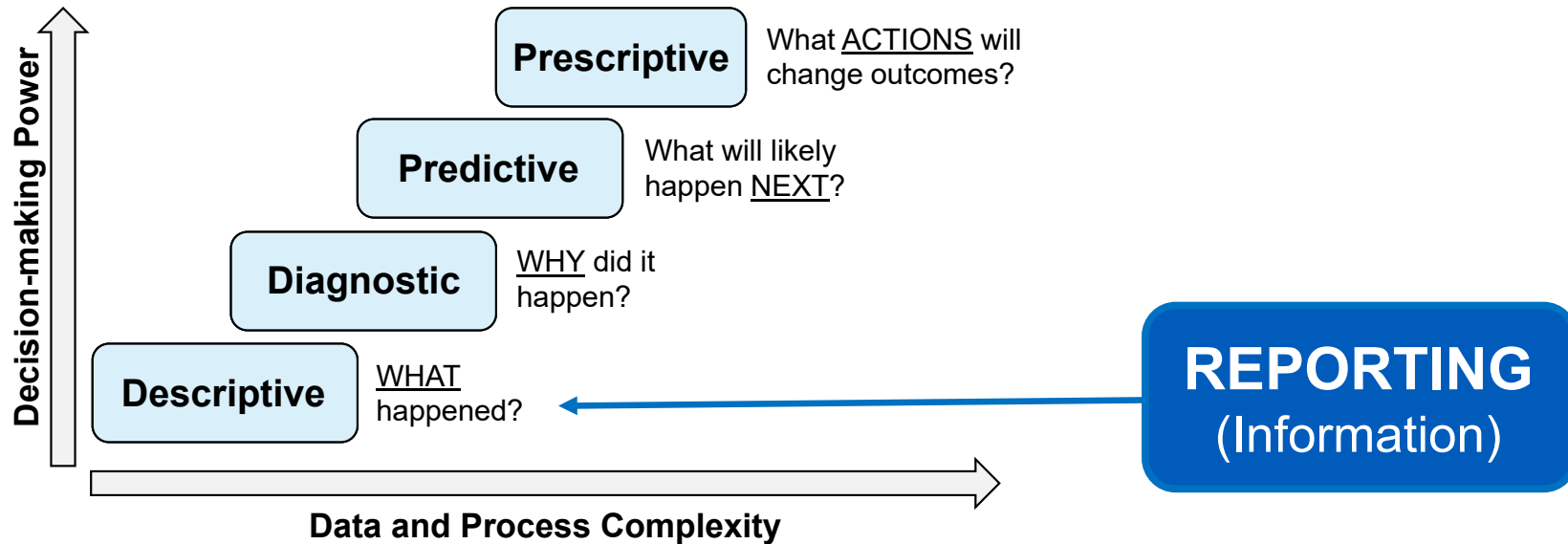
- Actionable Intelligence Implementation (What, Why, How)
- A National Call to Action on Analytics in Higher Education
- The Office of Institutional Analysis (OIA) & Analytics Team
- Analytics Ecosystem – Path to Actionable Intelligence
- Improved Communication and Collaborative Partnerships
- One Size Doesn't Fit All → Designing for Different Audiences
- Selected Dashboard Examples with Decision Impact
- Questions?

Analytics Maturity: Shifting Culture Towards Actionable Intelligence

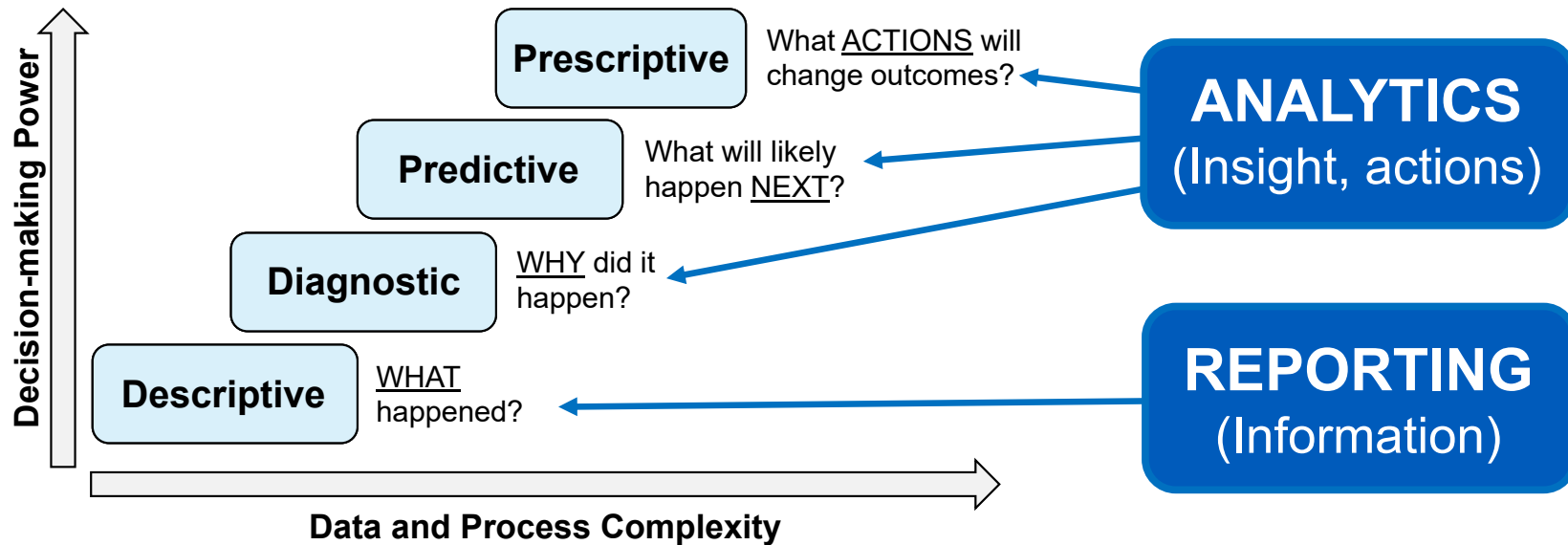
Shifting Culture Towards Actionable Intelligence



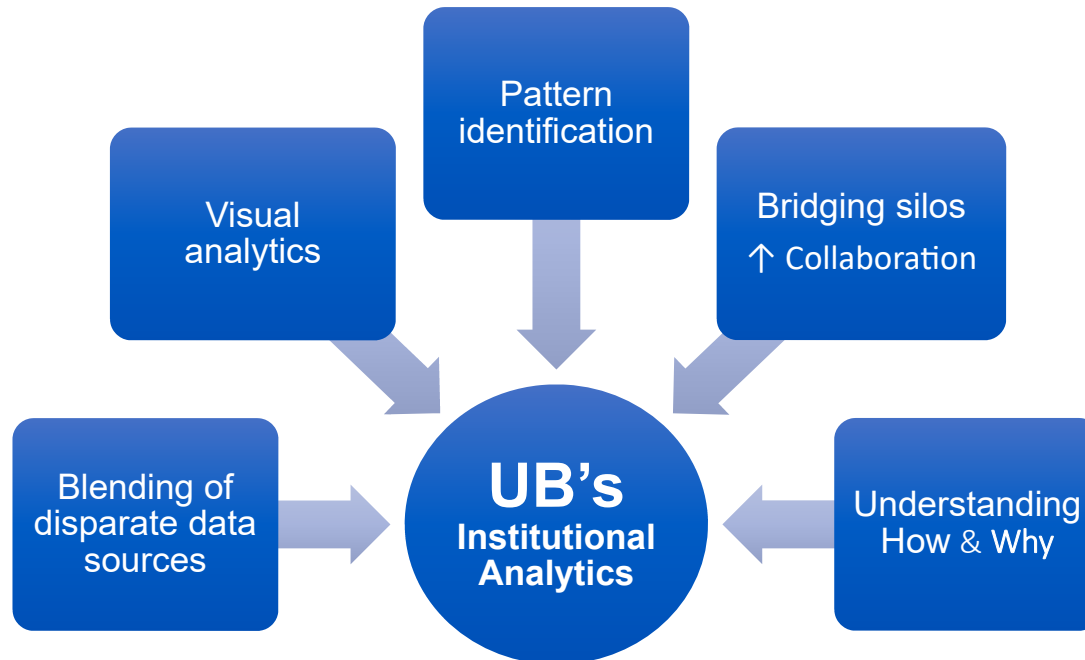
Shifting Culture Towards Actionable Intelligence



Shifting Culture Towards Actionable Intelligence



Institutional Analytics Team → Actionable Intelligence



National Call to Action on Analytics in Higher Education

2019 Joint Statement on Analytics in Higher Education



National Association of
College and University
Business Officers



Association for
Institutional Research

EDUCAUSE

Information technology
leaders and professionals

Business + Data + Technology

“Analytics can save higher education. Really.”

2016 - UB's Head Start on Implementing Analytics

 **University at Buffalo**
Office of the Provost

Institutional Analysis

- About Us
- Facts & Publications
- Surveys
- Analytics
- Campus Initiatives
- Entity/Hierarchy System
- Internal Resources

Office of Institutional Analysis

<https://www.buffalo.edu/provost/oia.html>



The Office of Institutional Analysis (OIA) has the primary institutional responsibility for the collection and analysis of quantitative and qualitative information on the institution, its students, its faculty, its programs, its publics, its practices and its services. The office provides analytic support for the planning, evaluation and policy initiatives of the Provost and senior leadership and acts as the institution's reporting agent.

Official University Reporting

Providing the foundation to support official reporting, institutional analytics, and accreditation.

Institutional Analytics

Converting raw data into actionable intelligence to support informed decision making.

Facts & Publications

- ▶ [University Factbook](#)
- ▶ [Common Data Set](#)
- ▶ [Student Right-To-Know](#)
- ▶ [IPEDS](#)

Surveys

- ▶ [National Survey of Student Engagement](#)
- ▶ [New Transfer](#)
- ▶ [New Freshmen Survey](#)
- ▶ [Student Satisfaction Survey](#)

Analytics

- ▶ [Dashboard of Dashboards](#)
- ▶ [Enrollment Modeling Tools](#)
- ▶ [Enrollment Projection Tools](#)

2016 - UB's Head Start on Implementing Analytics



2016 - UB's Head Start on Implementing Analytics

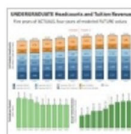


2016 - UB's Head Start on Implementing Analytics



Dashboard of Dashboards

The Dashboard of Dashboards (DoD) was developed to simplify users' access to some key campus dashboard sets, without requiring them to navigate through lists of Tableau sites and projects. It serves as a "one stop" launch page for the current Institutional Analytics dashboards available to the campus.



Enrollment Modeling Tools

Increased understanding of the underlying impact metrics that drive changes in outcomes is a great first step. The reality is that numerous metrics have potential impact, and to different degrees, so where do you start? Enrollment modeling tools are available to the campus community that give users the ability to "turn dials" up or down on selected metrics to see the resultant outcome changes over multiple years.

2016 - UB's Head Start on Implementing Analytics



Institutional Analytics Team

- Brian O'Connor
- Mychal Ostuni
- Shannon Mahany-Kulinski
- Tiffany Fuzak
- Damir Mesic

Analytics Ecosystem Path to Actionable Intelligence

Analytics Ecosystem – Path to Actionable Intelligence

What are we Trying to
Better Understand?

**Operational
Processes**

**Institutional
Priorities**

**Campus
Initiatives**

Analytics Ecosystem – Path to Actionable Intelligence

What are we Trying to Better Understand?

Operational Processes

Institutional Priorities

Campus Initiatives



Data Transformation and Curation

Rich Disparate Sources
Raw Data Cleansing
Integrating Sources
Making Viz-Ready

Analytics Ecosystem – Path to Actionable Intelligence

What are we Trying to Better Understand?

Operational Processes
Institutional Priorities
Campus Initiatives

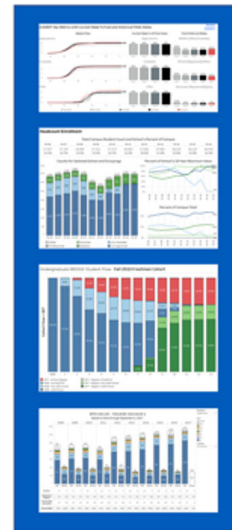


Data Transformation and Curation

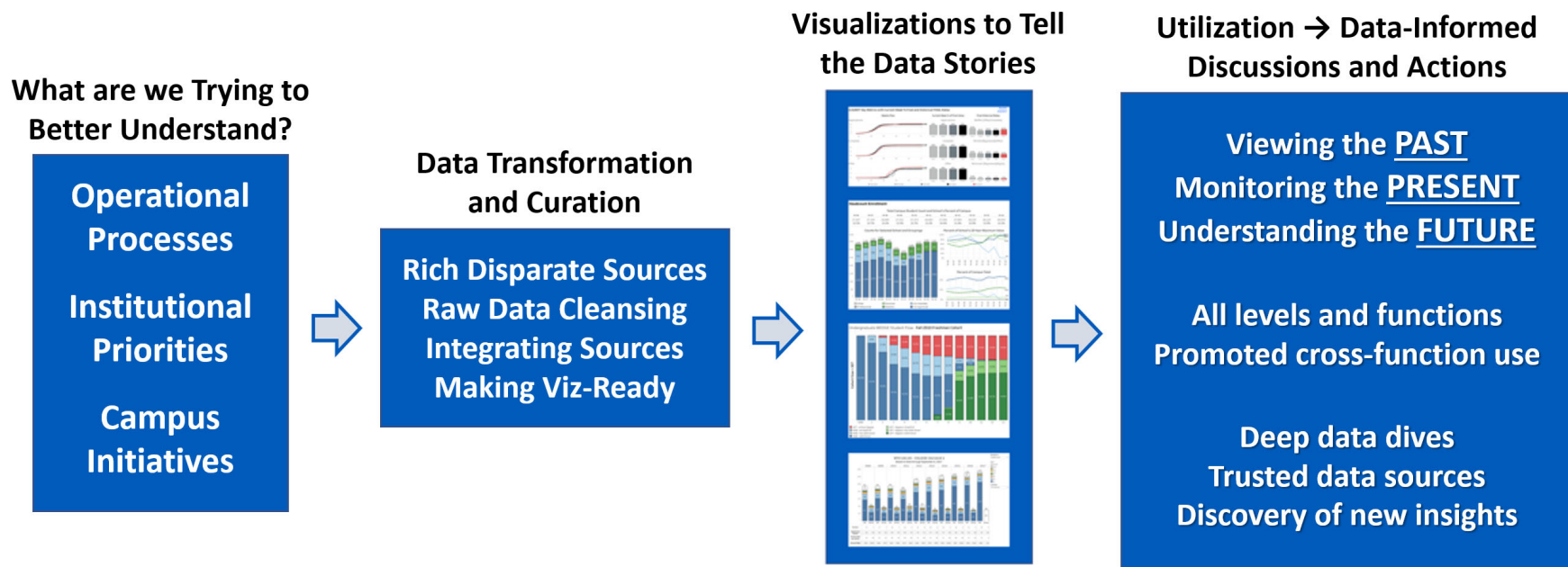
Rich Disparate Sources
Raw Data Cleansing
Integrating Sources
Making Viz-Ready



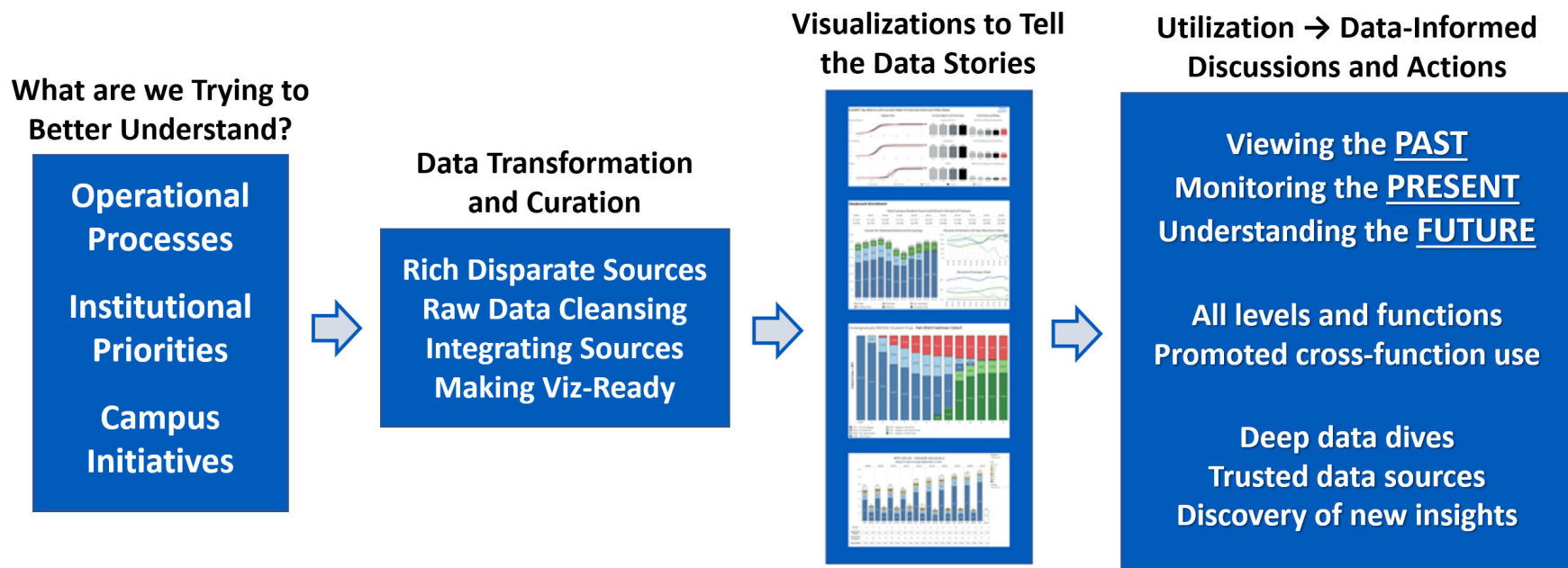
Visualizations to Tell the Data Stories



Analytics Ecosystem – Path to Actionable Intelligence

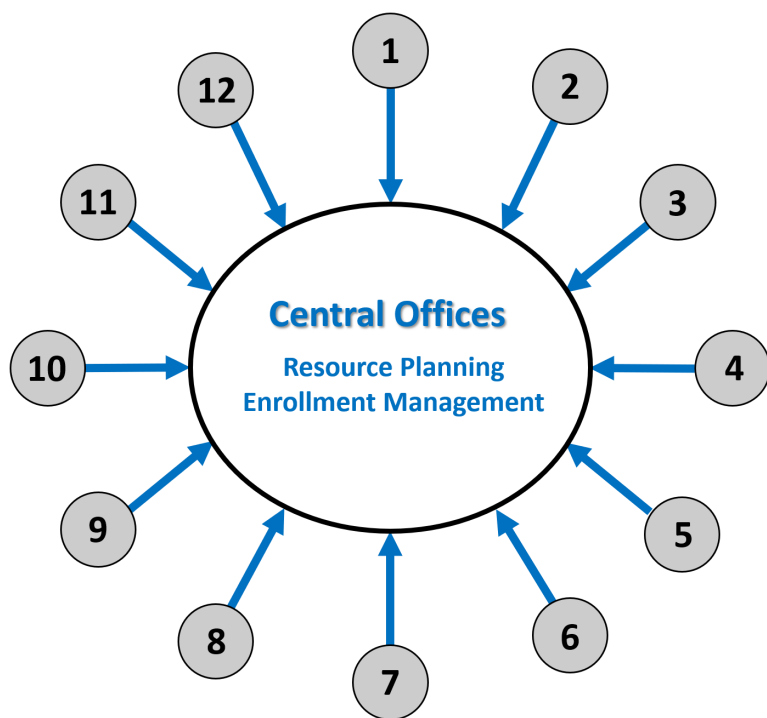


Analytics Ecosystem – Path to Actionable Intelligence

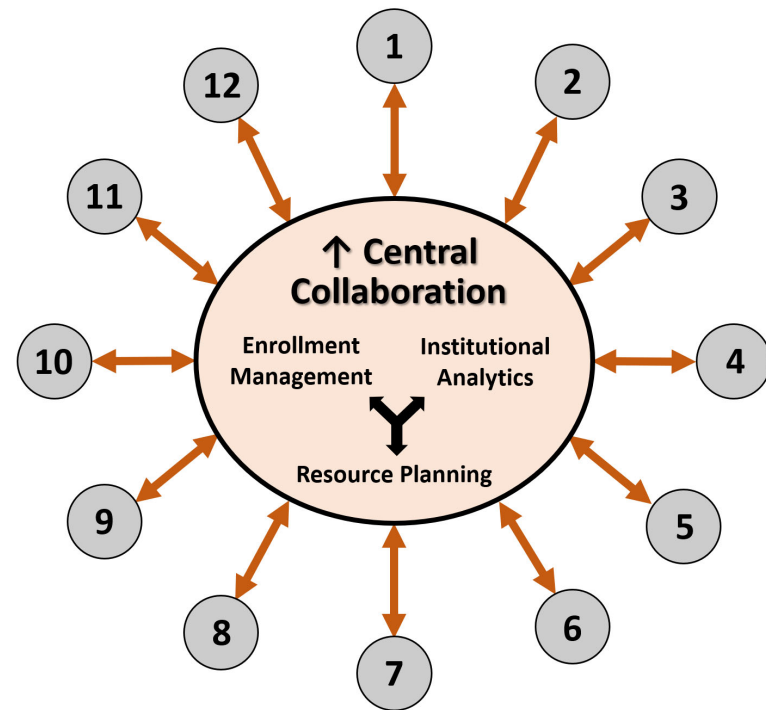


Moving from knowing WHAT to understanding WHY to effective planning for WHAT NEXT

Changes in Data Communication and Collaboration



Changes in Data Communication and Collaboration

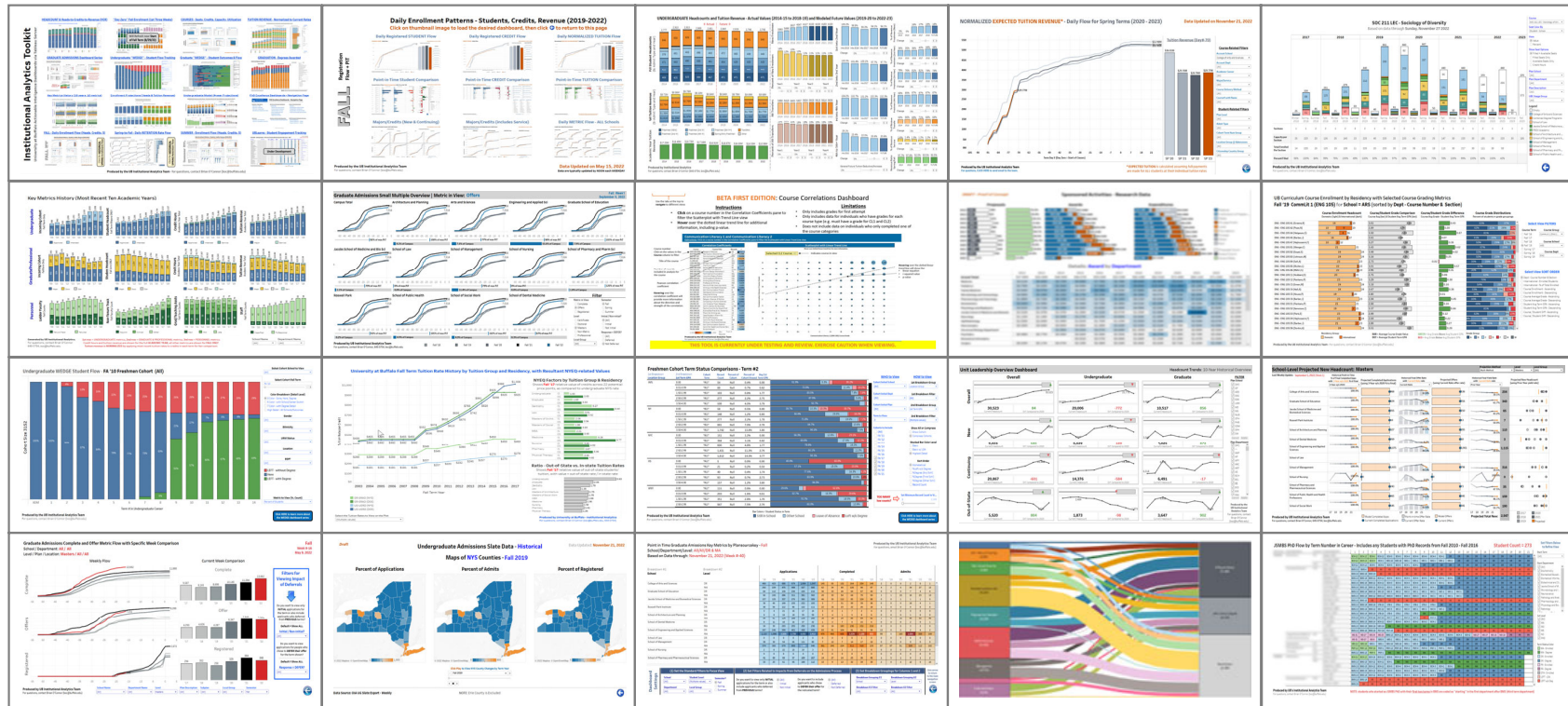


Let's look at some examples of Actionable Intelligence Dashboards

Different Audiences = Different Dashboards

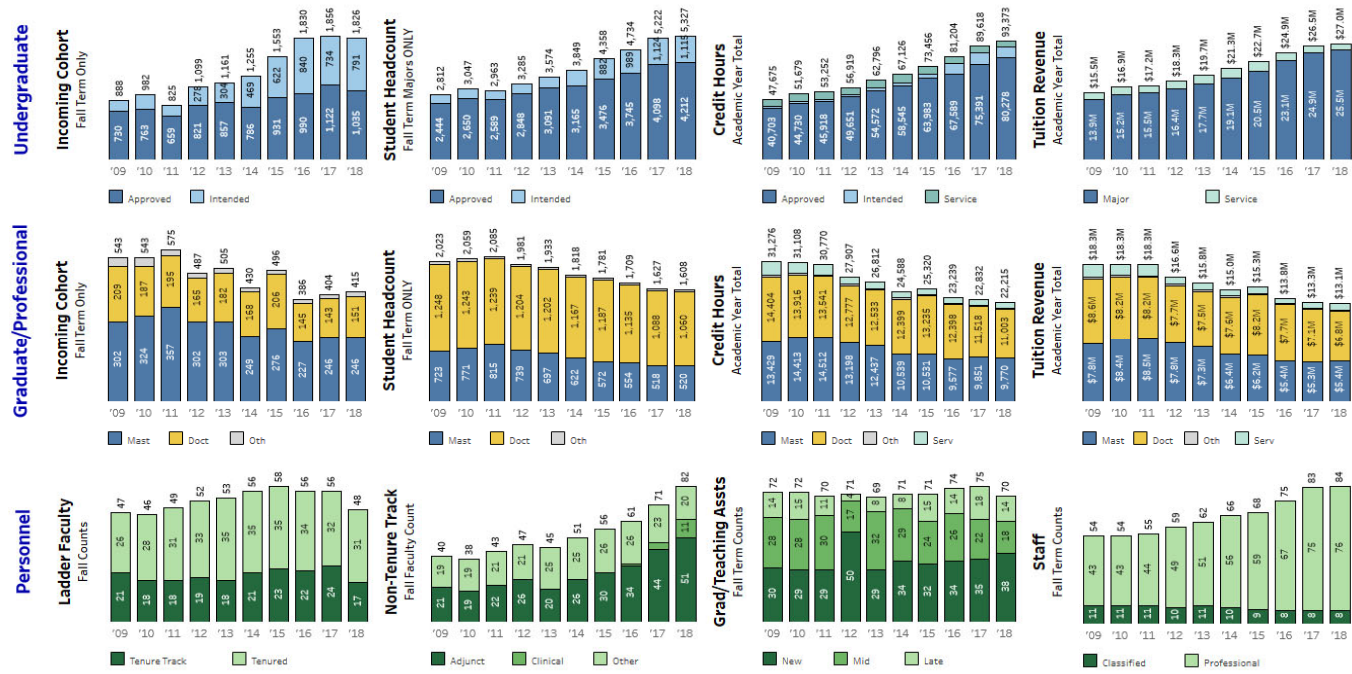
- **Administrative Summary / KPI** (Small Multiples)
- **What-if Scenario Testers** (Informing Strategy)
- **Metric Flow** (In-Cycle, Multiple Years)
- **Point-in-time Comparisons** (with Caution)
- **Deep Dive to How and Why** (Explore/Discovery)

Different Audiences = Different Dashboards



Example #1 → Administrative Summary / KPI

Key Metrics History (Most Recent Ten Academic Years)



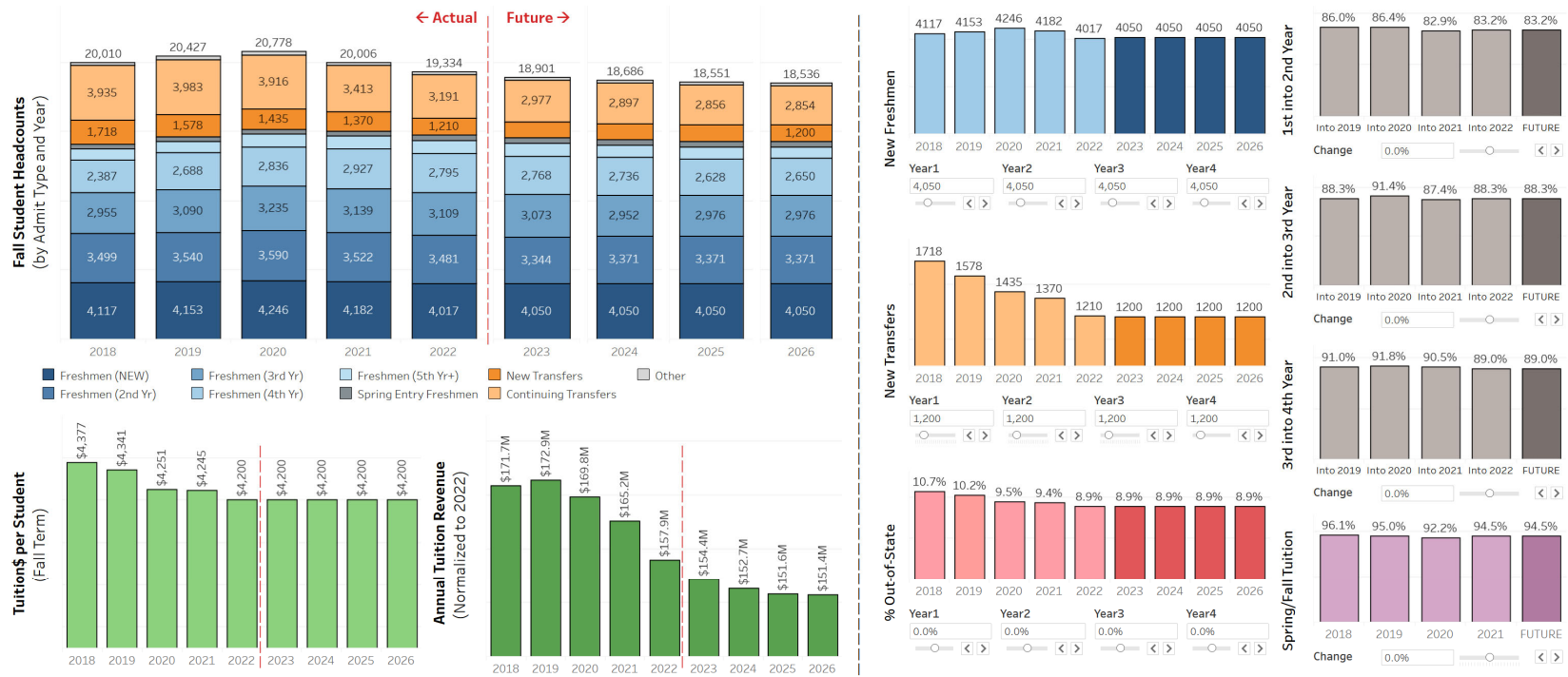
Generated by UB Institutional Analytics. For questions, contact Brian O'Connor 645-0754, boc@buffalo.edu

1st row = UNDERGRADUATE metrics, 2nd row = GRADUATE & PROFESSIONAL metrics, 3rd row = PERSONNEL metrics. Credit hours and tuition revenue are shown for the full ACADEMIC YEAR, all other metrics are shown for FALL ONLY. Tuition revenue is NORMALIZED by applying most recent tuition rates to credits in each term for fair comparison.

School Name: (All) Department Name: (All)

Example #2 → What-if Scenario Testing / Planning

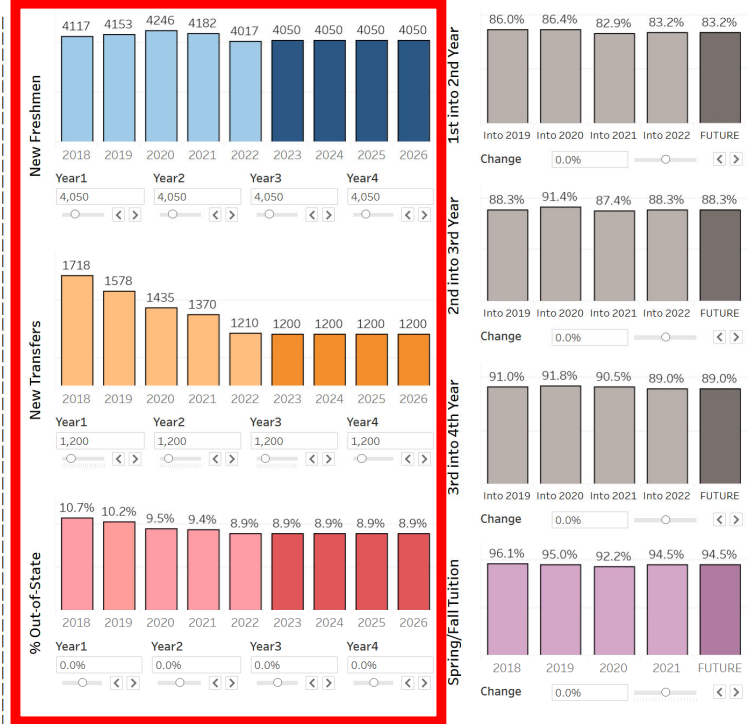
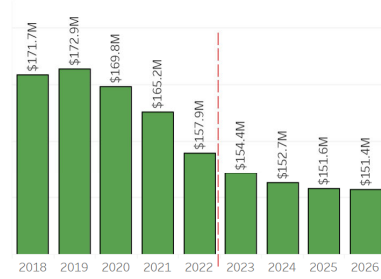
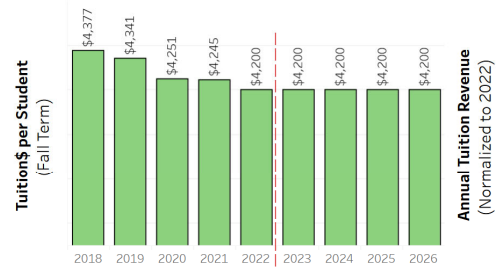
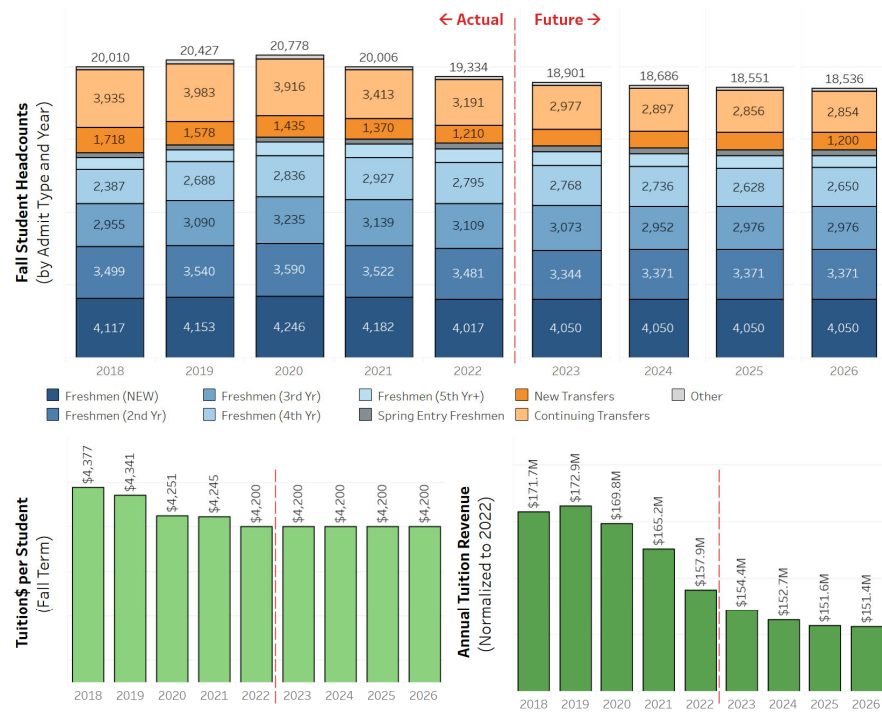
UNDERGRADUATE Headcounts and Tuition Revenue - Actual Values (2018-19 to 2022-23) and Modeled Future Values (2023-24 to 2026-27)



Produced by UB's Institutional Analytics Team
For questions, contact Brian O'Connor (645-0754, boc@buffalo.edu)

Example #2 → What-if Scenario Testing / Planning

UNDERGRADUATE Headcounts and Tuition Revenue - Actual Values (2018-19 to 2022-23) and Modeled Future Values (2023-24 to 2026-27)

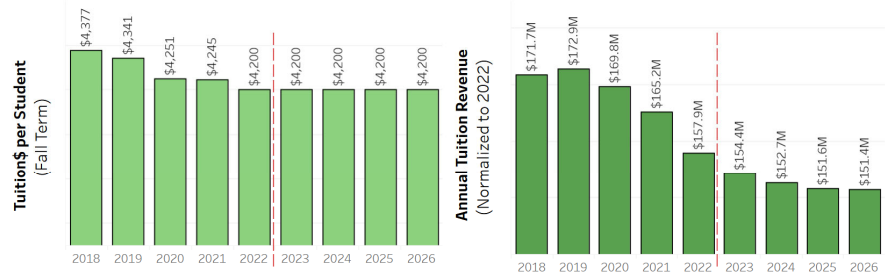
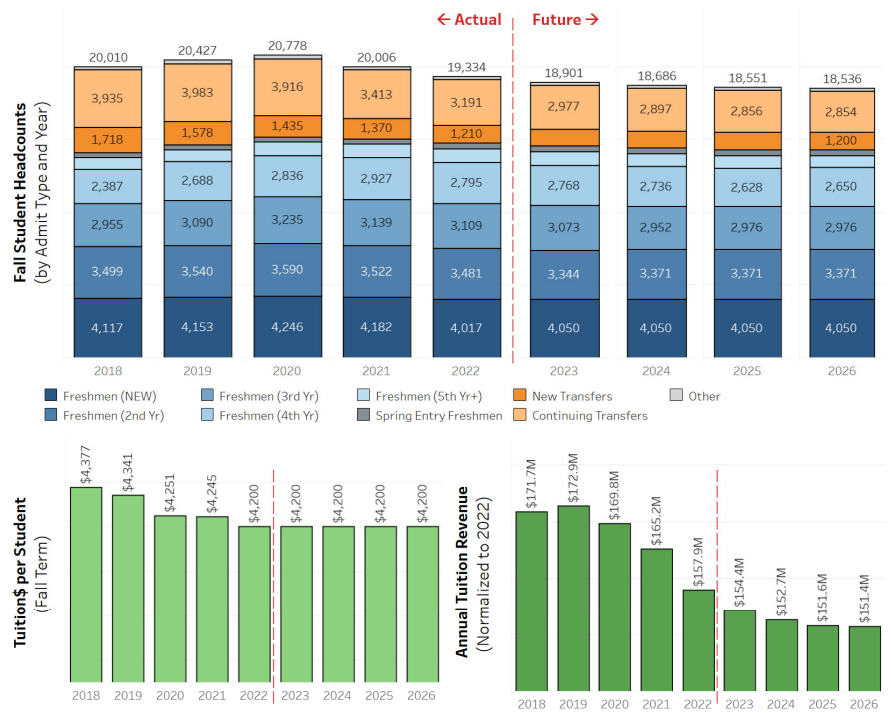


Incoming Students

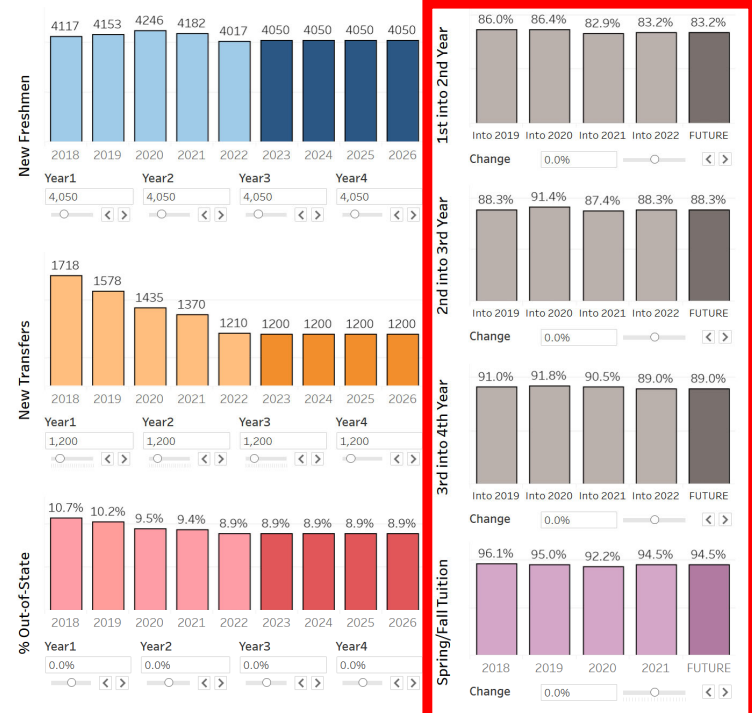
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Example #2 → What-if Scenario Testing / Planning

UNDERGRADUATE Headcounts and Tuition Revenue - Actual Values (2018-19 to 2022-23) and Modeled Future Values (2023-24 to 2026-27)



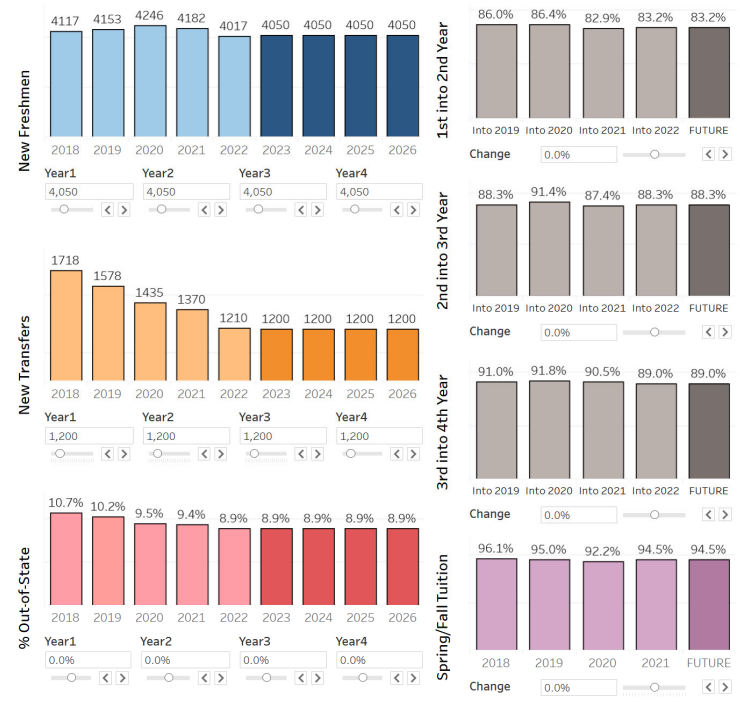
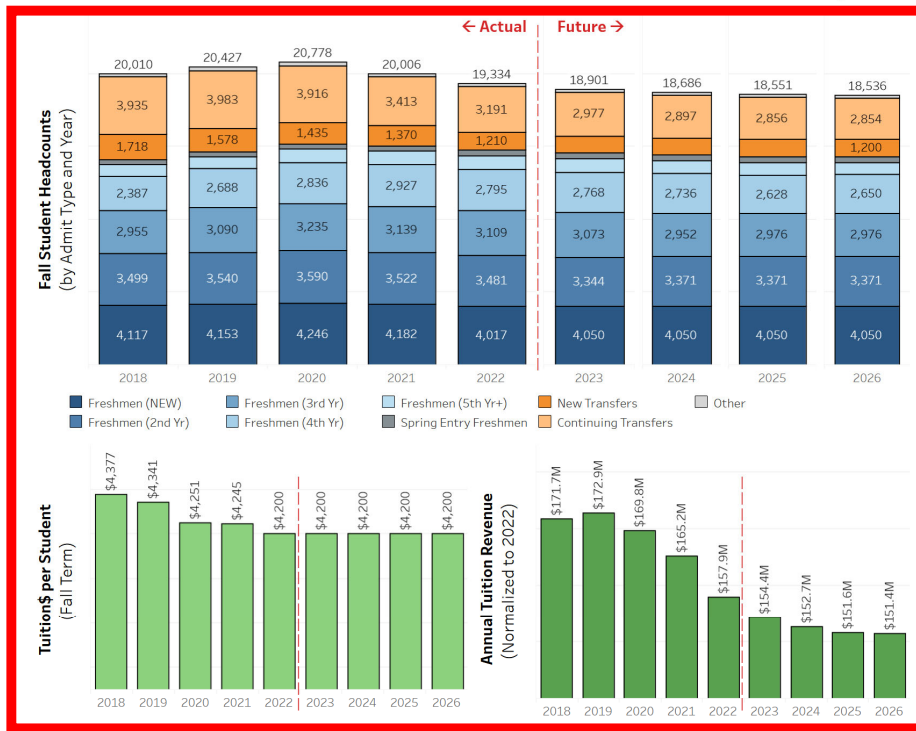
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Retention

Example #2 → What-if Scenario Testing / Planning

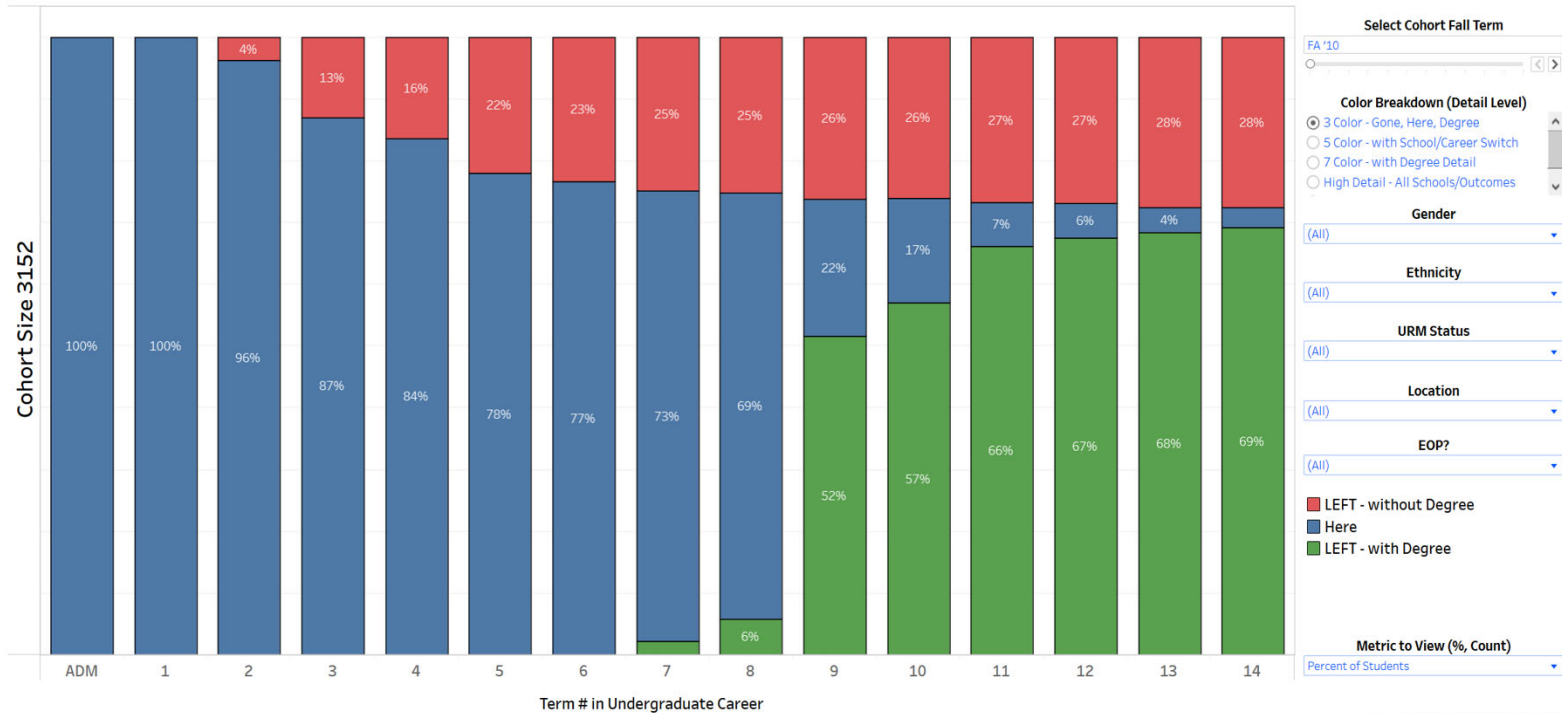
UNDERGRADUATE Headcounts and Tuition Revenue - Actual Values (2018-19 to 2022-23) and Modeled Future Values (2023-24 to 2026-27)



Headcount and Tuition Outcomes

Example #3 → Metric Flow - Multiple Years (Aggregated)

Undergraduate WEDGE Student Flow - FA '10 Freshmen Cohort (All)

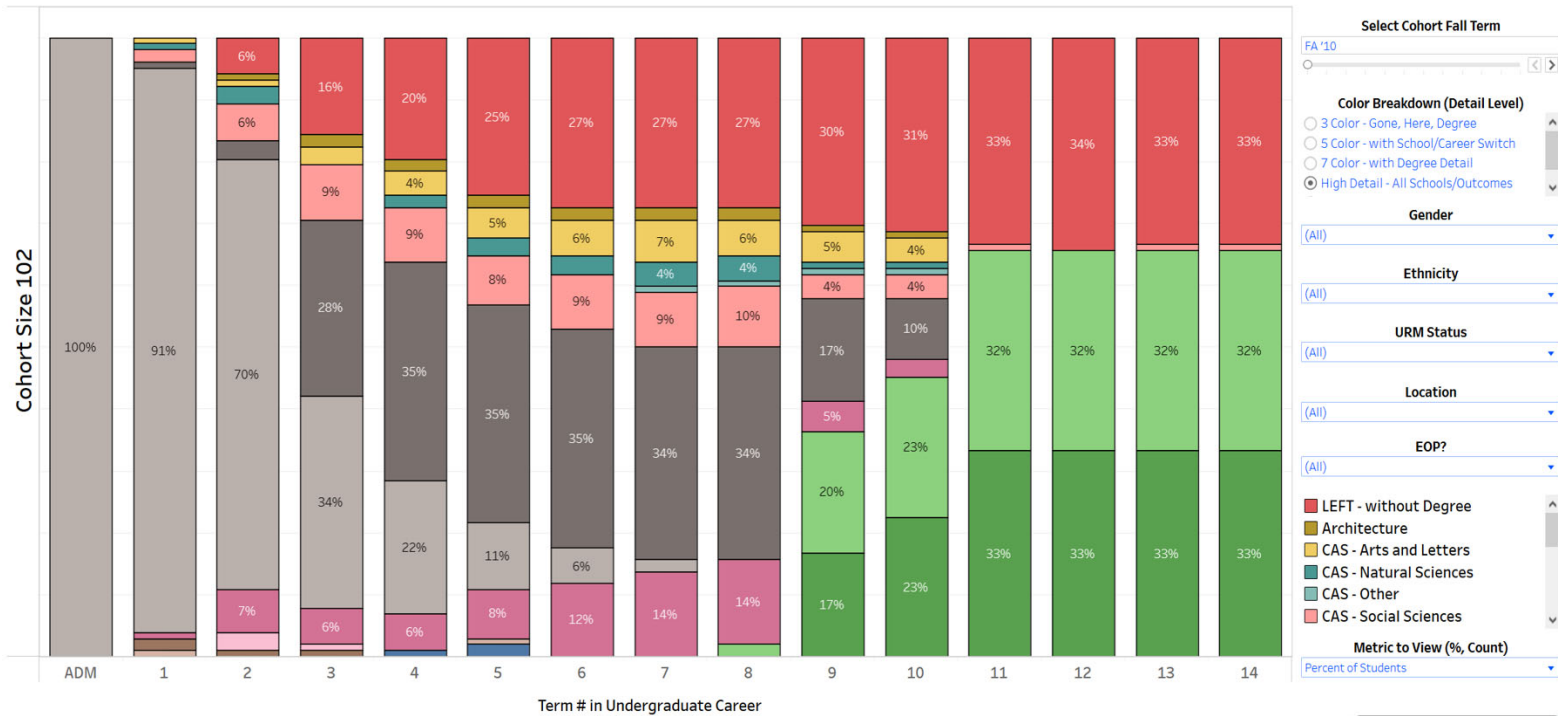


Produced by the UB Institutional Analytics Team
For questions, contact Brian O'Connor (boc@buffalo.edu)

[Click HERE to learn more about the WEDGE dashboard series](#)

Example #3 → Metric Flow - Multiple Years (Aggregated)

Undergraduate WEDGE Student Flow - FA '10 Freshmen Cohort (Engineering-Intended)



Produced by the UB Institutional Analytics Team
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[Click HERE to learn more about the WEDGE dashboard series](#)

Example #3 → Metric Flow - Multiple Years (Details)

Student Identifier	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MM64	6	6	9	19	19	10	2	1	2	1	1	1	1	1	1	1
AM18	9	19	19	19	2	1	1	1	1	1	1	1	1	1	XX	1
AQ16	9	19	19	19	2	1	1	1	1	1	1	1	1	1	XX	1
EA94	9	19	19	19	2	1	1	1	1	1	1	1	1	1	DR	DR
JD52	9	19	19	19	2	1	1	1	1	1	1	1	1	1	DR	DR
CR49	9	19	19	19	2	1	1	1	1	1	1	1	DR	DR	DR	DR
AS88	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
AR50	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
KN23	12	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
BM96	9	19	19	19	2	1	1	1	1	1	DR	DR	DR	DR	DR	DR
WF08	9	19	19	19	2	1	1	1	1	1	DR	DR	DR	DR	DR	DR
JW34	9	19	19	19	2	1	1	1	1	1	DR	DR	DR	DR	DR	DR
S092	9	19	19	19	2	1	1	1	1	1	DR	DR	DR	DR	DR	DR
ZX49	9	19	19	19	2	1	1	1	1	1	DR	DR	DR	DR	DR	DR
VV91	9	19	19	19	19	17	2	1	MA	MA	MA	MA	MA	MA	MA	MA
SG14	9	19	19	19	2	1	1	MA	MA	MA	MA	MA	MA	MA	MA	MA
JC15	9	19	19	19	2	1	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
CN41	9	19	19	19	2	1	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
TO63	9	19	19	19	2	1	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
KP01	9	19	19	19	2	1	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
GH43	9	19	19	19	2	1	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
DC86	9	19	2	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA

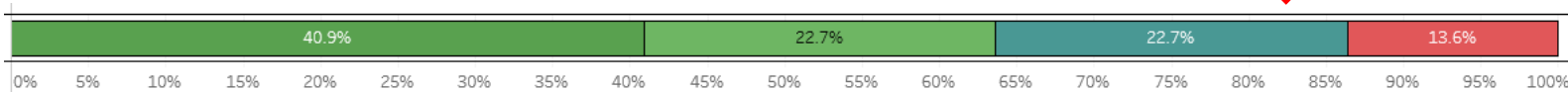
■ Doctoral Degree ■ Currently Enrolled - One Credit ■ Left without Degree
■ Masters Degree ■ Currently Enrolled - Doctoral

Example #3 → Metric Flow - Multiple Years (Details)

Student Identifier	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MM64	6	6	9	19	19	10	2	1	2	1	1	1	1	1	1	1
AM18	9	19	19	19	2	1	1	1	1	1	1	1	1	1	XX	1
AQ16	9	19	19	19	2	1	1	1	1	1	1	1	1	1	XX	1
EA94	9	19	19	19	2	1	1	1	1	1	1	1	1	1	DR	DR
JD52	9	19	19	19	2	1	1	1	1	1	1	1	1	1	DR	DR
CR49	9	19	19	19	2	1	1	1	1	1	1	1	DR	DR	DR	DR
AS88	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
AR50	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
KN23	12	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
BM96	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
WF08	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
JW34	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
S092	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
ZX49	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
VV91	9	19	19	19	2	1	1	1	1	1	1	DR	DR	DR	DR	DR
SG14	9	19	19	19	2	1	1	MA	MA	MA	MA	MA	MA	MA	MA	MA
JC15	9	19	19	19	2	1	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
CN41	9	19	19	19	2	1	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
TO63	9	19	19	19	2	1	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
KP01	9	19	19	19	2	1	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
GH43	9	19	19	19	2	1	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
DC86	9	19	2	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA

The standard WEDGE viz is just the aggregated result for these individual students

- Doctoral Degree
- Masters Degree
- Currently Enrolled - One Credit
- Currently Enrolled - Doctoral
- Left without Degree



Example #3 → Metric Flow - Multiple Years (Discovery)

Freshmen Cohort Term Status Comparisons - Term #3

1st Breakdown 1st Term GPA	2nd Breakdown All	Cohort Term	Record Count	% of Total Cohort	% of Cohort to View	Avg 1st Term GPA
0.00	All	FA '19	70	1.7%	1.7%	0.00
		FA '20	114	2.7%	2.7%	0.00
		FA '21	94	2.2%	2.3%	0.00
0.01-0.99	All	FA '19	164	3.9%	4.0%	0.62
		FA '20	190	4.5%	4.6%	0.62
		FA '21	214	5.1%	5.2%	0.59
1.00-1.49	All	FA '19	160	3.9%	3.9%	1.26
		FA '20	154	3.6%	3.7%	1.25
		FA '21	192	4.6%	4.7%	1.27
1.50-1.99	All	FA '19	297	7.2%	7.2%	1.77
		FA '20	273	6.4%	6.6%	1.76
		FA '21	286	6.8%	7.0%	1.76
2.00-2.49	All	FA '19	459	11.1%	11.2%	2.27
		FA '20	423	10.0%	10.2%	2.27
		FA '21	461	11.0%	11.2%	2.26
2.50-2.99	All	FA '19	767	18.5%	18.7%	2.75
		FA '20	678	16.0%	16.3%	2.76
		FA '21	686	16.4%	16.7%	2.75
3.00-3.49	All	FA '19	943	22.7%	23.0%	3.26
		FA '20	945	22.3%	22.7%	3.25
		FA '21	904	21.6%	22.0%	3.26
3.50-4.00	All	FA '19	1,242	29.9%	30.3%	3.80
		FA '20	1,388	32.7%	33.3%	3.79
		FA '21	1,277	30.5%	31.0%	3.80

WHO to View

Cohort Initial School: (All)

Cohort Initial Dept: (All)

Cohort Initial Plan: (All)

Term to View: 3

Cohorts to Include:

- (All)
- FA '12
- FA '13
- FA '14
- FA '15
- FA '16
- FA '17
- FA '18
- FA '19
- FA '20
- FA '21

HOW to View

1st Breakdown Group: 1st Term GPA

1st Breakdown Filter: (Multiple values)

2nd Breakdown Group: All

2nd Breakdown Filter: All

Show All or Compress:

- Show Cohort
- Compress Cohorts

Stacked Bar Color Level:

- Basic
- Basic w/ LOA
- Highest Detail

Sort Order:

- Alphabetical
- %Left w/o Degree
- %Degree (Any Sch)
- %Degree (First Sch)
- %Degree (Other Sch)
- Record Count

TOO MANY low counts? → **Set MIN Record Count to View**

22 1,388

Produced by the UB Institutional Analytics Team
For questions, [CLICK HERE](#) to send email to the team.

Bar Colors = Student Status in Selected Term#

- Degree in School
- Still in School
- Other School
- Leave of Absence
- Left w/o Degree

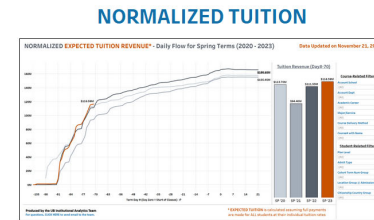
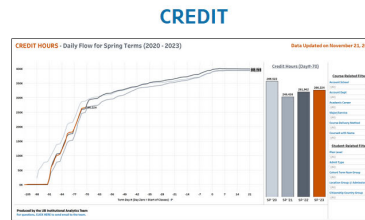
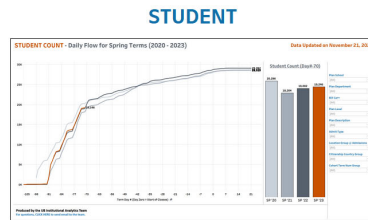
[Click HERE to learn more about the WEDGE dashboard series](#)

Example #4 → In-Cycle Metric Flow / Integrated Data

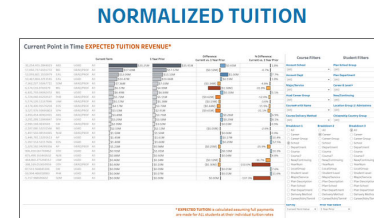
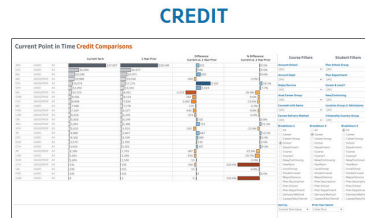
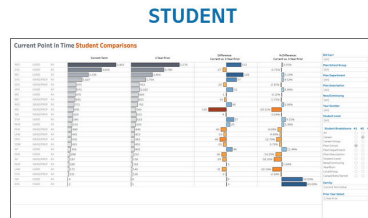
Daily Enrollment Patterns - Students, Credits, Revenue (2020 - 2023)

Click on thumbnail image to load the desired dashboard, then click ↶ to return to this page

Registration Flow
Daily



Comparison
Point-in-Time



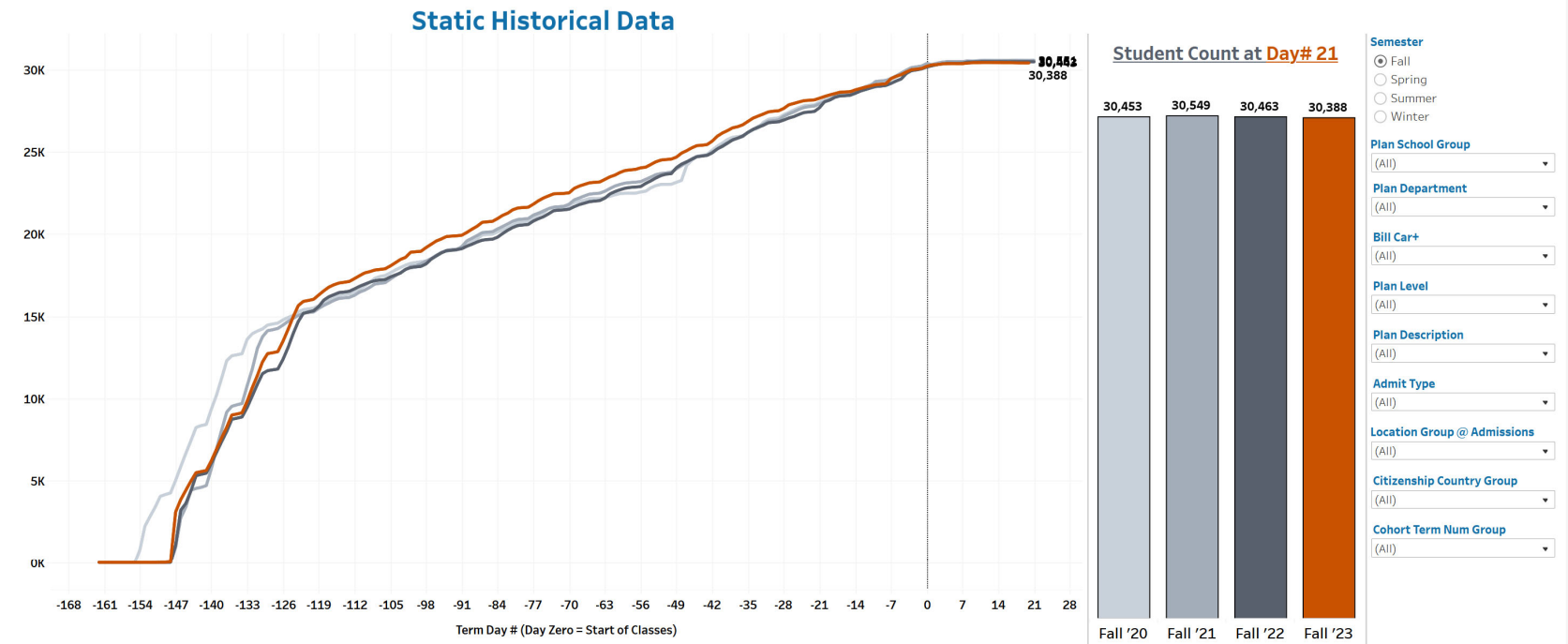
Produced by the UB Institutional Analytics Team
For questions, [CLICK HERE](#) to send email to the team.

Data Updated on September 18, 2023

Example #4 → In-Cycle Metric Flow / Integrated Data

STUDENT COUNT - Daily Flow for **Fall** Terms (2020 - 2023)

Data Updated on September 18, 2023



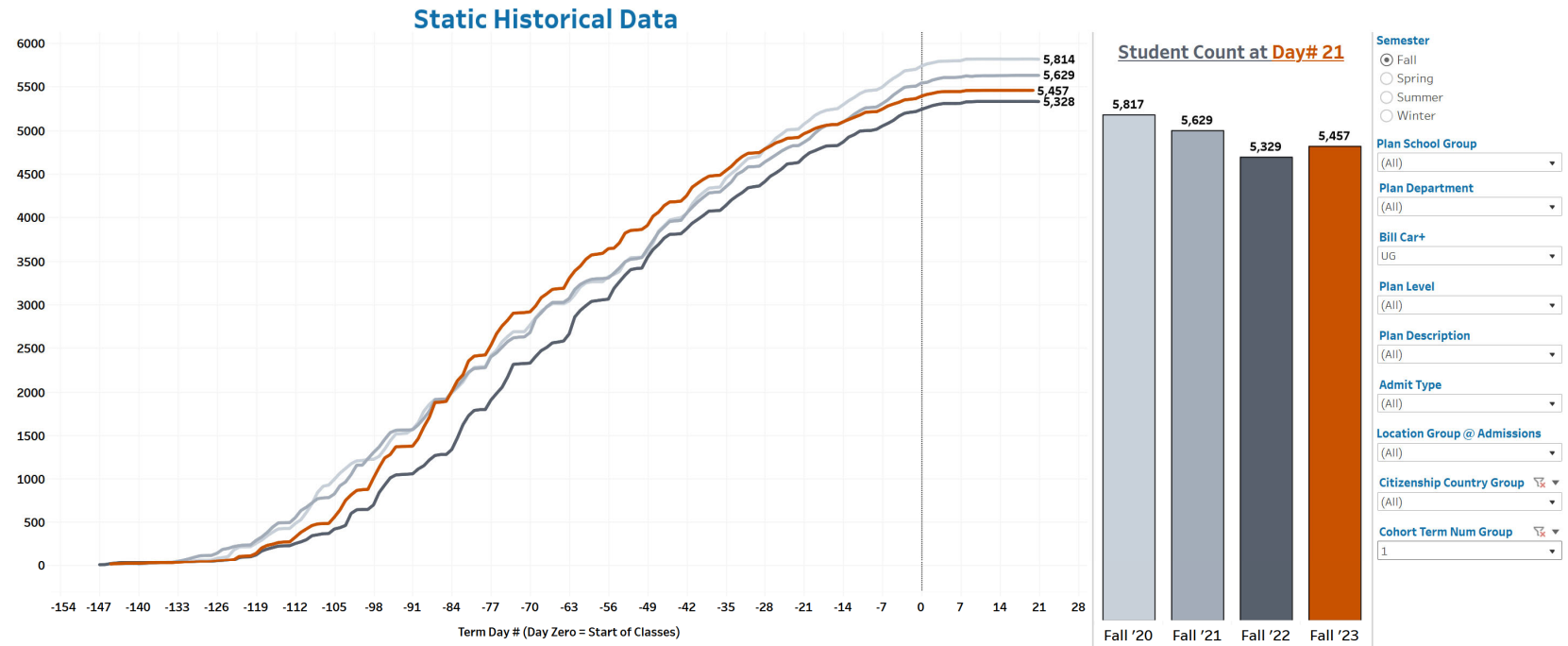
Produced by the UB Institutional Analytics Team
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Example #4 → In-Cycle Metric Flow / Integrated Data

STUDENT COUNT - Daily Flow for **Fall** Terms (2020 - 2023)

Data Updated on September 18, 2023



Semester

- Fall
- Spring
- Summer
- Winter

Plan School Group

(All) [v]

Plan Department

(All) [v]

Bill Car+

UG [v]

Plan Level

(All) [v]

Plan Description

(All) [v]

Admit Type

(All) [v]

Location Group @ Admissions

(All) [v]

Citizenship Country Group [v]

(All) [v]

Cohort Term Num Group [v]

1 [v]

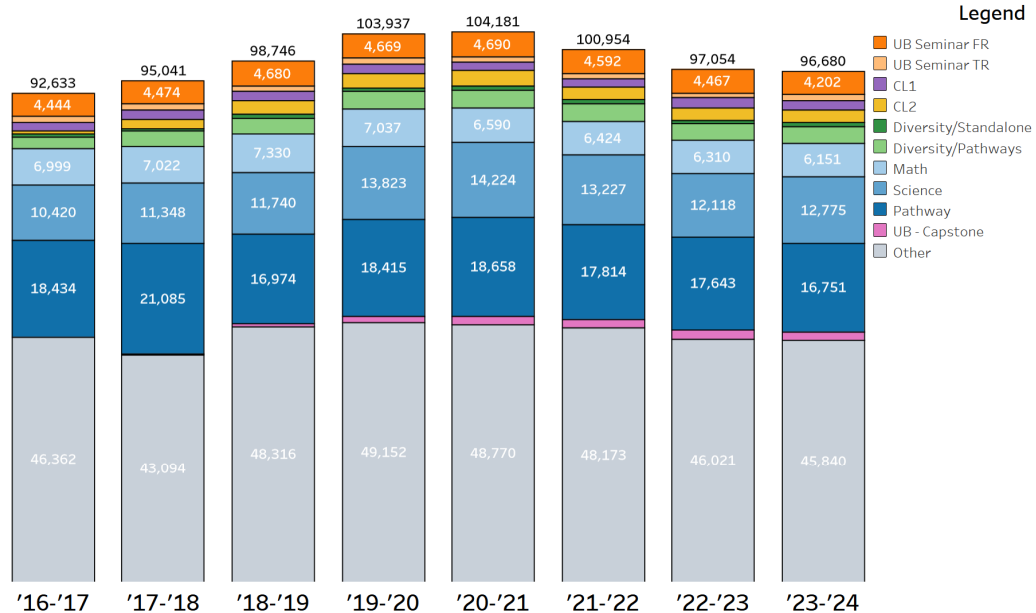
Produced by the UB Institutional Analytics Team
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Example #5 → Deep Dive to Explore & Discover

UG Course Enrollment Patterns - Seats

Displayed as Value colored by Course - Requirement Group



Based on Data Through Tuesday, October 17, 2023

Display Settings & Filters

Student Related

Plan School
(All)

Plan Department
(All)

Plan Description
(All)

Admit Type

- (All)
- Freshman
- Transfer
- Other
- GRPR

Academic Level

- (All)
- 0-29 Unit
- 30-59 Unit
- 60-89 Unit
- 90+ Unit
- Other

SUNY Residency

- Domestic In State
- Domestic Out of State
- International

Course Related

Revenue School
(All)

Revenue Department
(All)

Course Group
(All)

Course Delivery Method
(All)

Requirement

- (All)
- CL1
- CL2
- Diversity/Pathways
- Diversity/Standalone
- Math
- Other
- Pathway
- Science
- UB - Capstone
- UB Seminar FR
- UB Seminar TR

Display Options

Semester

- (All)
- Fall
- Spring
- Summer
- Winter

Value/Percent

- Value
- Percent

Credits/Seats

- Credits
- Seats

Color by
Course - Requir...

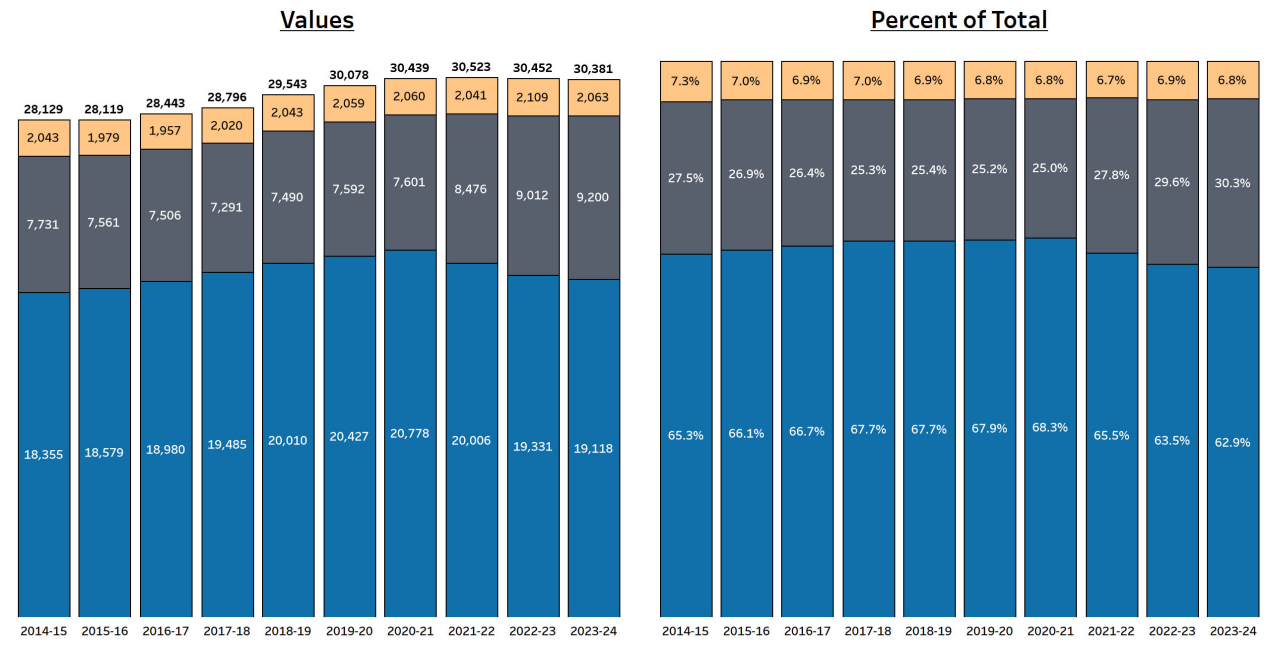
UBC Usage
(All)



Example #5 → Deep Dive to Explore & Discover

Fall - Student Headcounts (based on data through October 17, 2023)
 Breakdown in View: Level - Career
 Hover here for more information about this breakdown.

[Go to Heads-Creds-Rev Tool](#)
[More Information](#)



Color Legend

- UG
- GR
- PR

Color Breakdown

- Adm - Entry Term Type
- Adm - UG Admit Type
- BioDemo - Citizenship
- BioDemo - Ethnicity
- BioDemo - Gender
- Credits - Credit Hour Groupings
- GPA - Academic Standing
- GPA - Cumulative GPA (0.5 bins)
- GPA - Term GPA (0.5 bins)
- Level
- Level - Career
- Level - Early/Mid/Late
- Location - At Admission
- Location - IS/OS
- Location - Residency
- Plan - School
- Plan - Department
- Plan - Description
- Plan - Subplan
- Plan - Approved/Intended
- Plan - Has Minor
- Revenue - Tuition Group
- Student - Funding
- Student - Higher Ed History
- Student - Online Status
- Term Num
- Term Num - with Summer Entry
- Visa
- Visa - Group

Produced by the UB Institutional Analytics Team
 For questions, [CLICK HERE to send email to the team.](#)

NOTE The underlying dataset recently underwent intensive optimization to improve data insights. As a result, you may notice minor variations in headcounts within breakdowns compared with any snapshots taken prior to 9/15/2023.

Quick Filters (Hover here for more info)

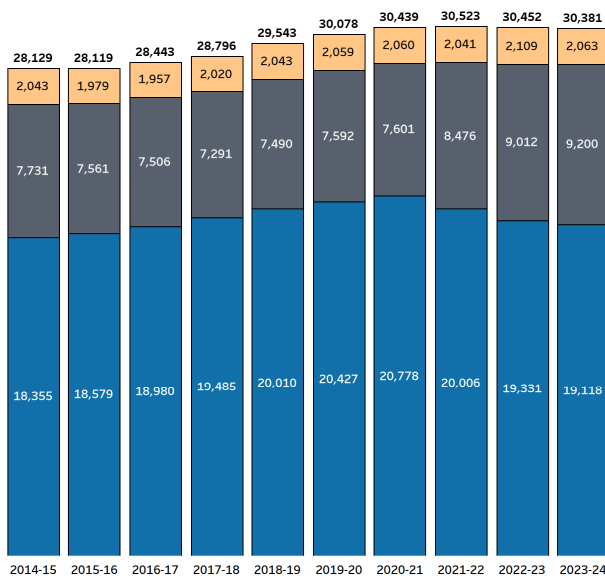
- Graduate
- Professional
- Undergraduate
- Continuing
- New
- Fall
- Spring

[Click for More Filters](#)
[Reset All Filters](#)

Example #5 → Deep Dive to Explore & Discover

Fall - Student Headcounts (based on data through October 17)
Breakdown in View: Level - Career
 Hover here for more information about this breakdown.

Values



Plan Entity Attributes	Student BioDemo Attributes	Student Academic Attributes
Plan School <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> College of Arts and Sciences <input checked="" type="checkbox"/> Graduate School of Education <input checked="" type="checkbox"/> Jacobs School of Medicine and Biomedical Sciences <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> PROV Academic <input checked="" type="checkbox"/> Roswell Park Institute <input checked="" type="checkbox"/> School of Architecture and Planning <input checked="" type="checkbox"/> School of Dental Medicine <input checked="" type="checkbox"/> School of Engineering and Applied Sciences <input checked="" type="checkbox"/> School of Law <input checked="" type="checkbox"/> School of Management <input checked="" type="checkbox"/> School of Nursing <input checked="" type="checkbox"/> School of Pharmacy and Pharmaceutical Sciences <input checked="" type="checkbox"/> School of Public Health and Health Professions <input checked="" type="checkbox"/> School of Social Work Plan Department (All) Plan Description (All) Subplan Description (All)	Tuition Group <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> AUD <input checked="" type="checkbox"/> DNP <input checked="" type="checkbox"/> DPT <input checked="" type="checkbox"/> DSW <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> GRAD <input checked="" type="checkbox"/> LAW <input checked="" type="checkbox"/> MARCH <input checked="" type="checkbox"/> MBA <input checked="" type="checkbox"/> MED <input checked="" type="checkbox"/> MSW <input checked="" type="checkbox"/> NRONLINEGR <input checked="" type="checkbox"/> NRONLINEUG <input checked="" type="checkbox"/> PHRM <input checked="" type="checkbox"/> SDM <input checked="" type="checkbox"/> UGRD <input checked="" type="checkbox"/> XGRAD <input checked="" type="checkbox"/> XUGRD SUNY Residency <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> Domestic In State <input checked="" type="checkbox"/> Domestic Out of State <input checked="" type="checkbox"/> International <input checked="" type="checkbox"/> No Data Sex/Gender <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> Female <input checked="" type="checkbox"/> Male <input checked="" type="checkbox"/> Unknown EOP <input checked="" type="checkbox"/> Non-EOPS <input checked="" type="checkbox"/> EOPS Citizenship (All) Visa Group <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> F1, F3, J1 <input checked="" type="checkbox"/> No Visa <input checked="" type="checkbox"/> Other Visa IPEDS Ethnicity <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> 2 or more races <input checked="" type="checkbox"/> American Indian or Alaska Native <input checked="" type="checkbox"/> Asian <input checked="" type="checkbox"/> Black or African American <input checked="" type="checkbox"/> Hispanic/Latino <input checked="" type="checkbox"/> International (Non-Resident Alien) <input checked="" type="checkbox"/> Native Hawaiian <input checked="" type="checkbox"/> Unknown <input checked="" type="checkbox"/> White	Student Level <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> 10 - Freshmen <input checked="" type="checkbox"/> 20 - Sophomores <input checked="" type="checkbox"/> 30 - Juniors <input checked="" type="checkbox"/> 40 - Seniors <input checked="" type="checkbox"/> Doctoral <input checked="" type="checkbox"/> Masters <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> P1 <input checked="" type="checkbox"/> P2 <input checked="" type="checkbox"/> P3 <input checked="" type="checkbox"/> P4 UG Admit Type <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> New First Year <input checked="" type="checkbox"/> Transfer <input checked="" type="checkbox"/> Non-Degree <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> No Data Term Credits Groups <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> 1 Credit <input checked="" type="checkbox"/> 2-3 Credits <input checked="" type="checkbox"/> 4-6 Credits <input checked="" type="checkbox"/> 7-8 Credits <input checked="" type="checkbox"/> 9 Credits <input checked="" type="checkbox"/> 10-11 Credits <input checked="" type="checkbox"/> 12 Credits <input checked="" type="checkbox"/> 13-15 Credits <input checked="" type="checkbox"/> 16-18 Credits <input checked="" type="checkbox"/> 19+ Credits <input checked="" type="checkbox"/> No Data Term GPA Groups <input checked="" type="checkbox"/> (All) <input checked="" type="checkbox"/> 0.00 <input checked="" type="checkbox"/> 0.01-0.99 <input checked="" type="checkbox"/> 1.00-1.49 <input checked="" type="checkbox"/> 1.50-1.99 <input checked="" type="checkbox"/> 2.00-2.49 <input checked="" type="checkbox"/> 2.50-2.99 <input checked="" type="checkbox"/> 3.00-3.49 <input checked="" type="checkbox"/> 3.50-4.00 <input checked="" type="checkbox"/> No GPA <input checked="" type="checkbox"/> No GPA-R/W

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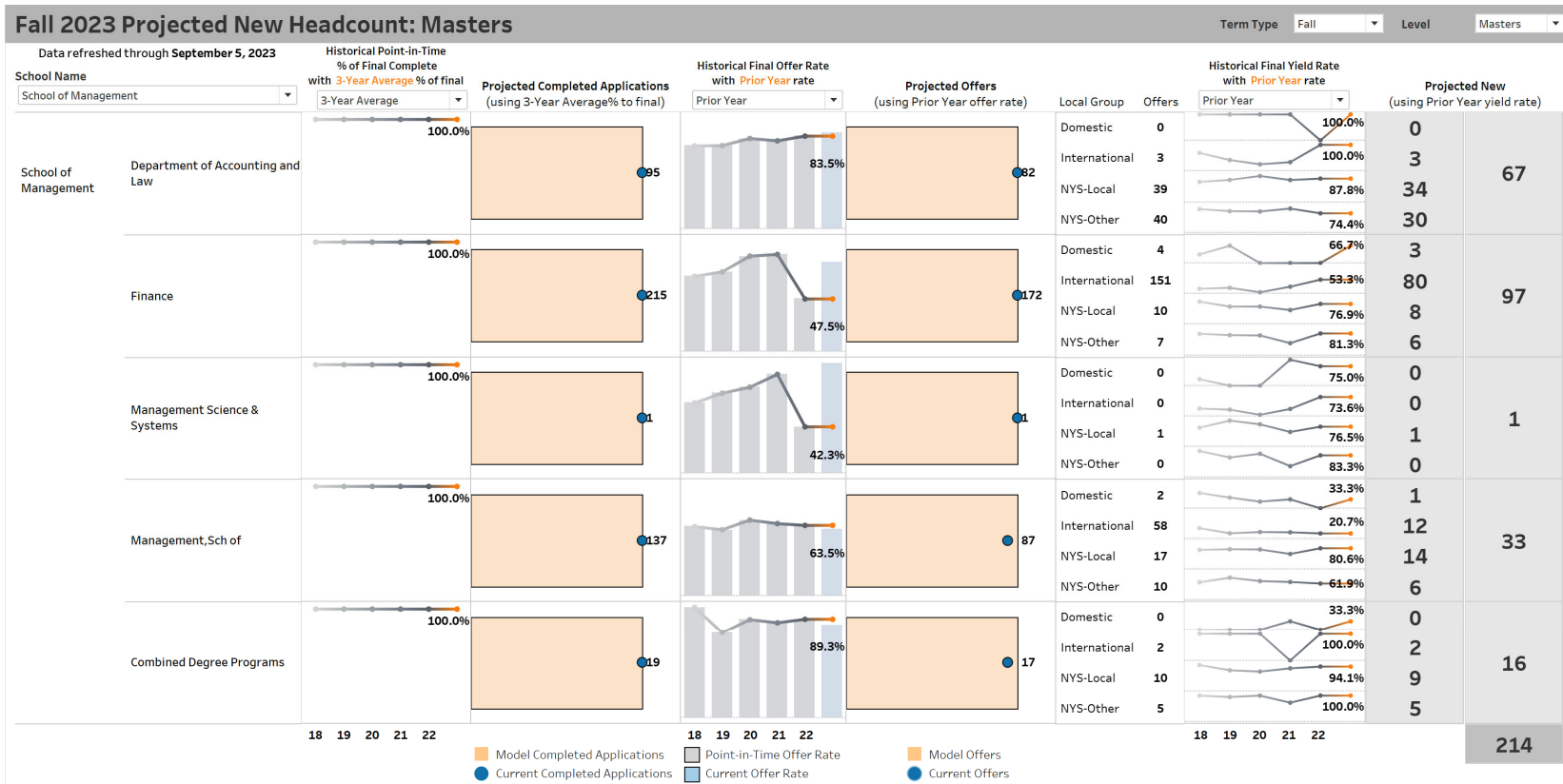
Quick Filters (Hover here for more info)

Graduate Continuing Fall
 Professional New Spring
 Undergraduate

[Click to Hide Filters](#)

[Reset All Filters](#)

Example #5 → Deep Dive to Explore & Discover



Thanks for coming!

*How did I do? Please take the
Session Survey on your smart
device using the QR Code
on your schedule.*