

Introduction to Panther Analytics

Training Part 1 of 2

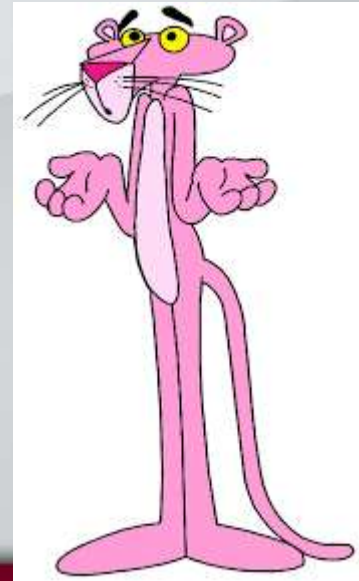
Ken Murphy

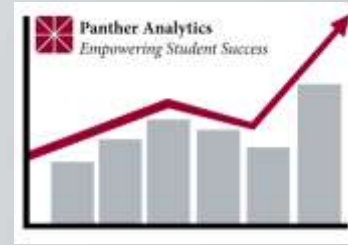
Associate Provost for Academic Administration

Summer 2018

Panther Analytics Training: What and Why?

- A two part series on learning and using Panther Analytics (PA)
 - **Part 1: Introduction to Panther Analytics**
 - Overview of Business Intelligence systems
 - Good data practices
 - Basics of accessing Panther Analytics
 - Part 2: Reporting using PA



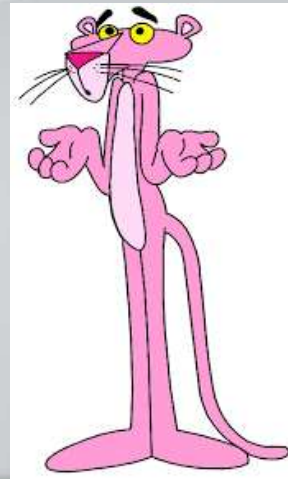


At the end of this session you will be able to:

- Describe the purpose and structure of the Panther Analytics (PA) initiative
- Explain basic business intelligence (BI) terminology and describe BI architecture
- Articulate good practices with regard to handling sensitive data
- Login to PA
- Know how to move around in PA

What is Panther Analytics?

A project to provide timely, self-driven descriptive and predictive analytics to Chapman University personnel who can use the information to enhance student success



Panther Analytics is a Business Intelligence (BI) System!

- Business Intelligence is a set of methodologies, processes, architectures, and technologies that transform raw data into meaningful and useful information used to enable more effective strategic, tactical, and operational insights and decision-making
 - [Forrester Research](#) (accessed 2/22/18)

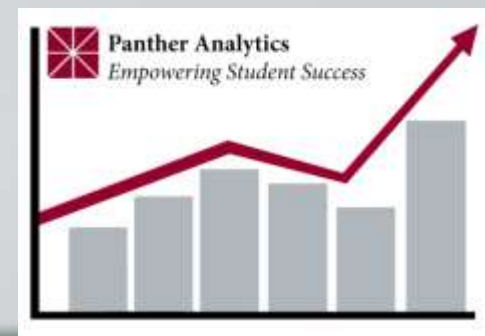
Panther Analytics Project Phase 1 Rollout in April 2017

- Phase 1 project-roll out a single “storyboard” (dashboard) of reports that are valuable for associate and assistant deans, department chairs and staff
 - “Campus DeanChair Story Board”
 - Data source: PeopleSoft Campus Solutions
 - Architects: Personnel from IS&T, Registrar, Admissions, Provost, and the Panther Analytics Advisory Group

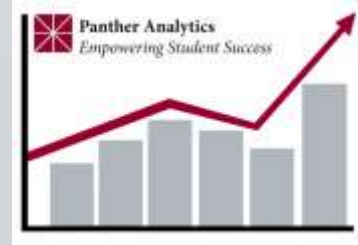


History of the Panther Analytics Project

- Project Initiation-Jan 2016
- Software Selection-Spring/Summer 2016
- Technical Development-Fall 2016
- Report and Storyboard Development-Fall 2016 / Winter 2017
- Pilot Rollout → March 2017
- Full Rollout → April 2017



Phase 2 of Panther Analytics 2018 →



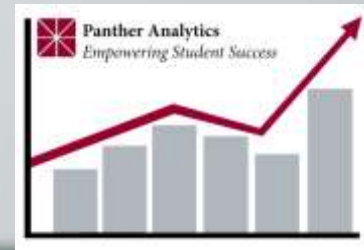
- Phase 2 is really many projects!
 - Admissions Funnel
 - Budget/Financial Information
 - Visibility to Human Resource data
 - Advising information....and more....
- We are also continually upgrading and improving the original Dean-Chair Storyboard
 - This will happen essentially forever based on user inputs

Typical BI Project Task Groups

- Systems/Technical
- Security
- Project Management
- Report and Storyboard Development
- User Acceptance Testing
- Marketing
- Training and Helpdesk
- Sponsor
- Governance

Panther Analytics Development Team (Feb 2018)

- Lauri Mantooth, IS&T
- John Bui, IS&T
- Robert Pankey, CIRO
- Nick Andreosky,
Admissions/Registrar
- Andy Sison, Admissions
- Rose Yap-Fryman, IS&T
- Kristin Dressner, Provost
- Janice Moody, IS&T
- Stephanie Takemoto, Provost
- Marisol Arredondo Samson, CIRO
- Michelle Clark, Financial Services
- Sharlene Heard, Financial Services
- Leslie Yoshimizu, Financial Services
- Patrick Rausch, Purchasing
- Aday Oyenuga, Purchasing
- Bao Nguyen, Human Resources
- Garrett Eastwood, IS&T
- Helen Norris, IS&T
- Ken Murphy, Provost
- ...and, you!



Panther Analytics Landing Page

www.chapman.edu/pantheranalytics

The screenshot shows the Panther Analytics landing page. At the top is the Chapman University logo and a navigation bar with links: ABOUT, ACADEMICS, ADMISSION, ARTS, CAMPUS LIFE, RESEARCH, and SUPPORT. Below the navigation bar is a breadcrumb trail: Campus Services > Information Systems & Technology > Software > Panther Analytics.

Software

- Skype for Business
- Dropbox
- NVivo
- EndNote
- Mathematics
- SPSS
- ChemDraw
- Adobe Creative Cloud
- Pol Everywhere
- Qualtrics
- Microsoft Office 365

Panther Analytics

Panther Analytics
Empowering Student Success

Panther Analytics is the university's data warehouse, a business analysts tool acquired to give staff, faculty and administrators access to timely up-to-date reports and data needed for day-to-day work-related activities, as well as for assessment, planning and informed decision making.

It provides easy, self-service access to well-designed reports containing up-to-date data within a few clicks. This highly sophisticated reporting tool will allow you to run reports that can identify key metrics such as enrollment counts and percentages with drill down capabilities to identify specific college/school, department, course level or student level information.

What is Panther Analytics?

- ✓ One point "Data Store" from PeopleSoft
- ✓ One easily organized view of data
- ✓ Self-driven reporting
- ✓ One-click drill down to report details and other information
- ✓ It's easy to learn & use

This new tool can do the following

Key Features

What Type of Data Does It Contain?

Login to Panther Analytics

Feedback

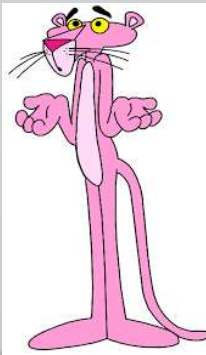
We'd like to hear from you!
Let us know how we're doing by filling out our Feedback Form.

Need Assistance / Support?

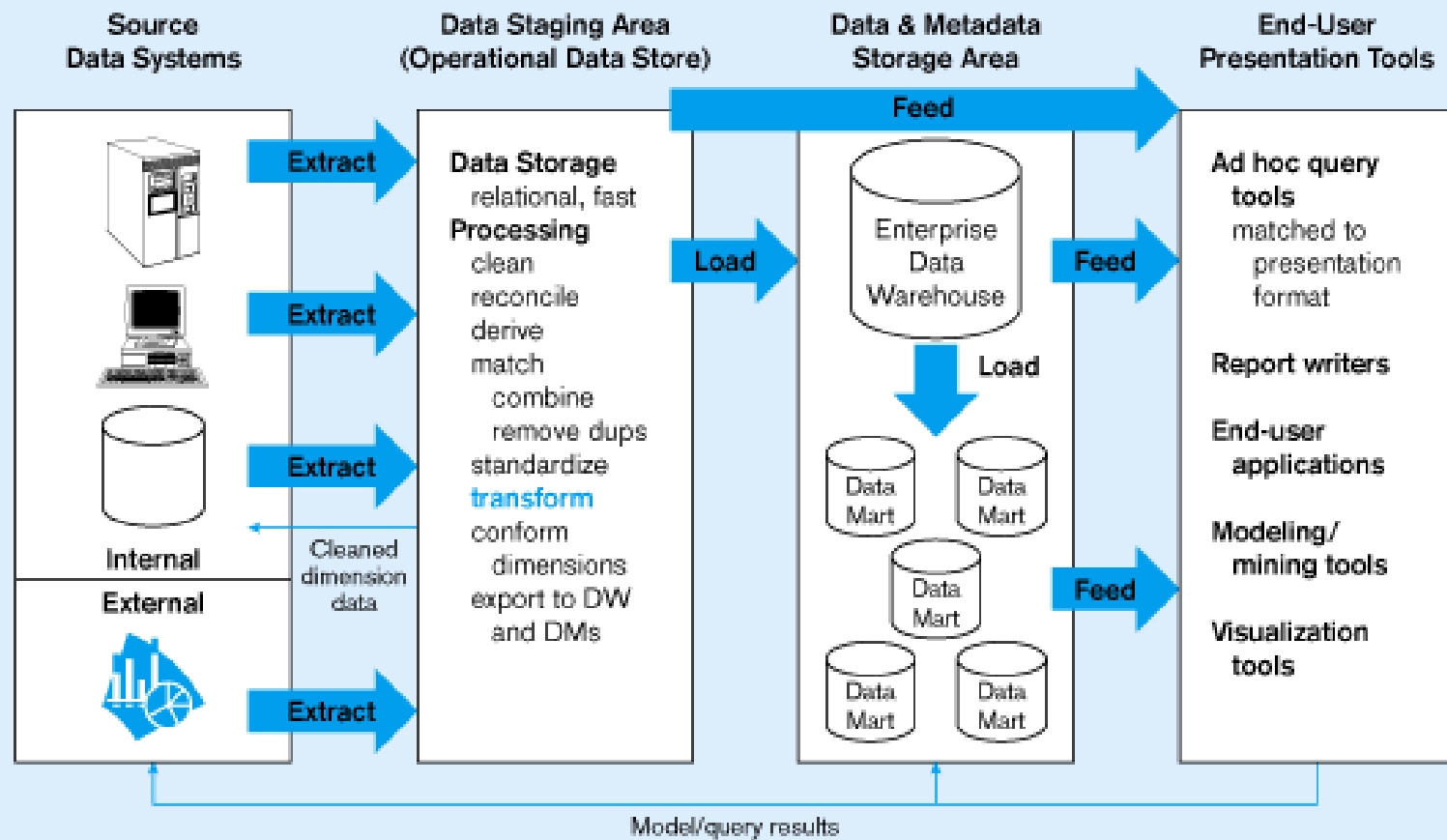
Send us an email at pantheranalytics@chapman.edu or call (714) 546-5506.

So, what is Panther Analytics?

- Sophisticated reporting (Business Intelligence) for Chapman's managers and staff,
- Based on "real-time" data from our transactional systems (e.g., PeopleSoft),
- Built at Chapman by its business users with (a lot of) support from IS&T, so that we can
- Report on where we stand today, and to
- Inform our decisions regarding what to improve



Things you don't need to know 1: Common Data Warehouse Architecture

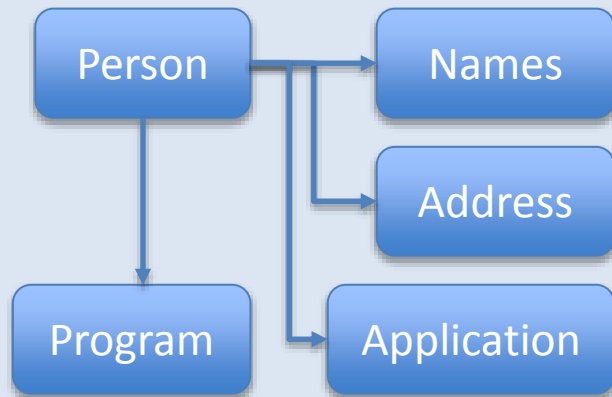


Things you don't need to know 2:

Transaction Systems and Reporting Systems

Transactional Systems

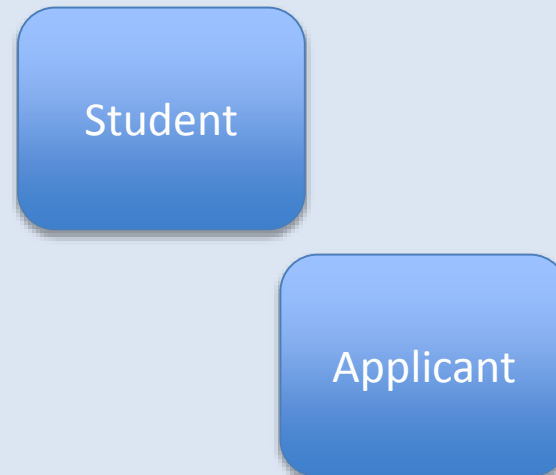
Built to allow for the recording of actions over time



May have multiple records for each person in each of the tables below, managed by effective dating. Complicated reporting

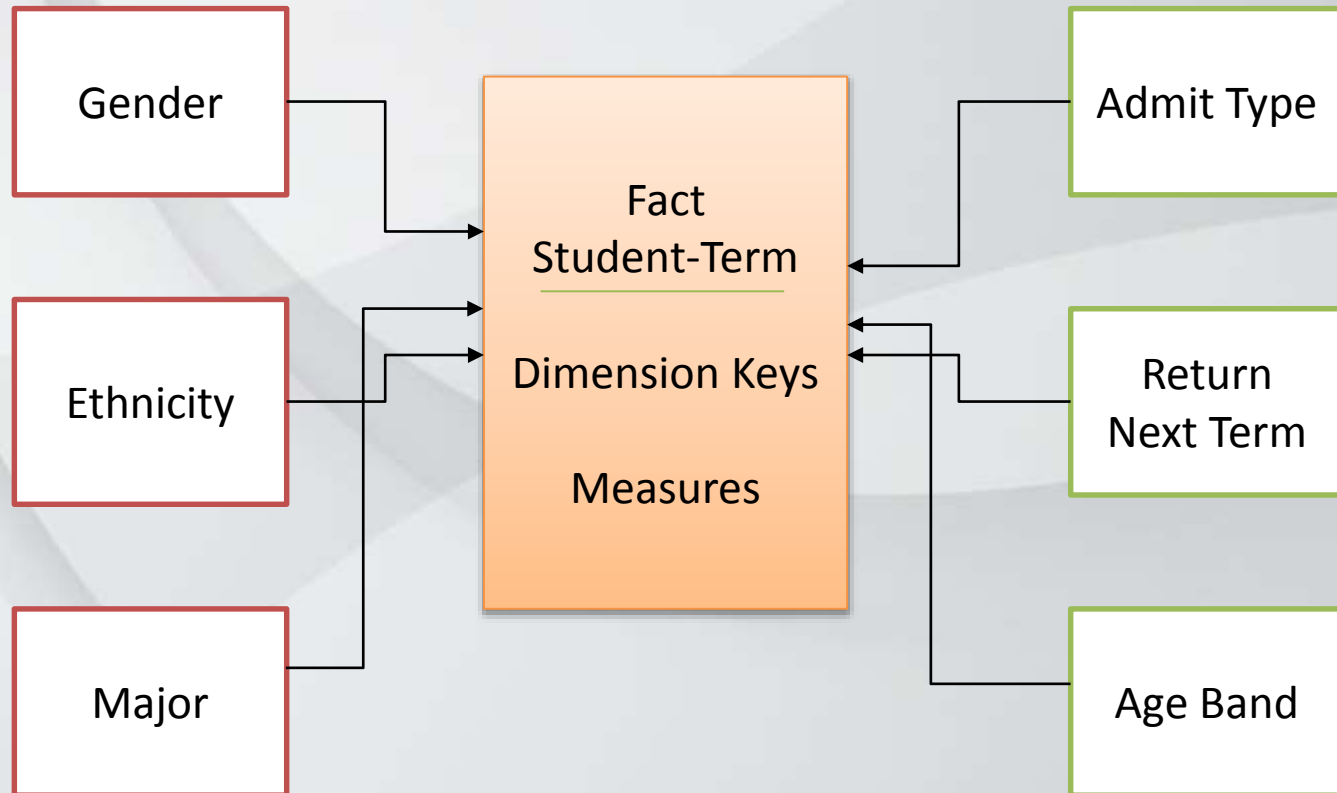
Reporting Systems

Built to simplify data structures and standardize around a unit of analysis



One record per unit of analysis with appropriate effective date logic applied.

Things you don't need to know 3: Reporting Systems and Star Schema



Things you don't need to know 4:

Our Vendors

- PeopleSoft (Oracle)—ERP
 - Campus Solutions
 - Human Capital Management
 - Finance
- Blackboard Analytics—Data Warehouse
- Pyramid Reporting—Tool for reporting

Panther Analytics
is comprised of these two!



Panther Analytics Quiz:

Part A-Definitions



- Panther Analytics is a (transaction/reporting) system. Which?
 - Reporting-Our PeopleSoft systems are the transaction systems
- Do we use a business intelligence system to collect data?
 - No-we use it to report out!
- PeopleSoft, our transaction system, provides reports. (T/F)
 - True, but we would rather not use PeopleSoft for this purpose...
- As a reporting system, the Panther Analytics project is complete as a “Big-Bang” (all at once) rollout. We are done with implementation for all practical purposes. (T/F)
 - False, as a reporting system/tool, the project will actually never be completed, but instead will continuously be improved in support of us

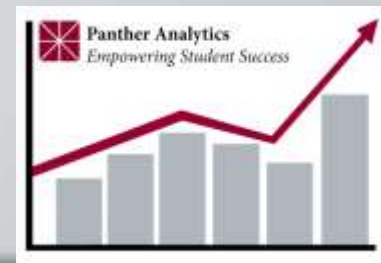
Value of Panther Analytics Data



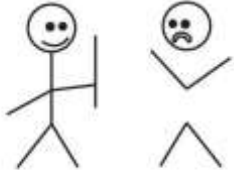
- Chapman's University data is valuable!
 - Without it we wouldn't be able to operate
 - With it, we may be able to better track the past and to predict the future
 - Make better decisions on behalf of our students
 - Provide insights into the performance of our schools
- Certainly, we should take great care in the way we handle Chapman University data
 - We all need to be aware of good data practices

Panther Analytics Data Integrity and Security

- Data is clearly an important asset to Chapman University
- We are confident that the data is accurate (has integrity), thus enhancing its value for everyone
 - Panther Analytics allows very fast access to live (daily) student data to aid in reporting and decision making
- Data security is also a key concern of the Panther Analytics team
 - Student data is sensitive
 - Ex: ID, gender, home addresses, GPA, etc.



I've got your back!



Vignette 1: Erik and Jayna

- Jayna is Erik's boss. Jayna tells Erik to obtain the student email addresses for those students in the Minor in Fermentation Sciences. Erik downloads the emails from Panther Analytics and saves them as a spreadsheet on his work computer. Jayna says, "send me the student contacts when you have them, I need to let them know about some special course offerings when they are registering for classes this fall term". What is Erik's next step?

Panther Analytics Data is Moderate and High Risk Data

Did you know that:

- High Risk Data is protected by federal and state regulations
- High Risk Data is covered by Chapman policies which include the
 - Computer and Acceptable use policy
 - Privacy policy
- Disclosure of moderate or high risk data to unauthorized recipients could result in a significant adverse impact on our mission, safety, finances or reputation
 - In the case of high risk data Chapman U may be required to report this disclosure to individuals or the government



Data Risk Levels

Working Definitions for Panther Analytics

- Low Risk Data
 - Information that is the public domain
- Moderate Risk Data
 - FERPA Data (except see below)
- High Risk Data
 - Student social security number, student home address

Working with Moderate and High Risk Data: Good Practices

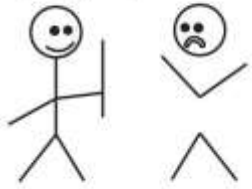
	Low Risk	Moderate Risk	High Risk
	Data in the public domain	FERPA Data except →	Home Address, Social Security #
Sharing Data			
Email	XXX		
Dropbox	XXX	XXX	
Shared Drives	XXX	XXX	XXX
Storing Data			
Local Desktop	XXX	XXX	
CU Network Drive	XXX	XXX	XXX



Working with High Risk Data: “Need to Know” Policy

- Access and use only the data is needed
 - “Need to know” includes but not limited to, the need to improve services for faculty, staff, students, and other constituents of Chapman University and in particular, your academic unit
 - Personal curiosity or use does not constitute a “need to know”
- If looking for data on a particular unit, then access/report on that unit only
 - Contacts or mailings are restricted to those students within the college/school or department that you represent

I've got your back!



Vignette 2: Joel and Marsha

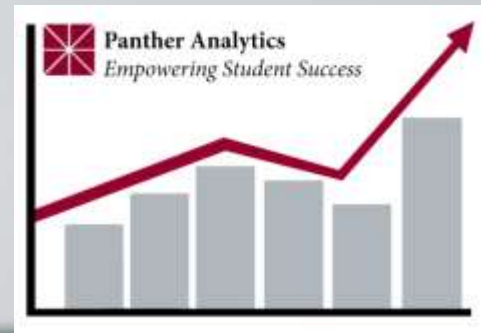
- Joel and Marsha work together in the Viticulture and Enology department. Joel has access to Panther Analytics and Marsha does not. Marsha tells Joel she needs to know what classes have low enrollment because the Associate Provost Murphy is threatening to cancel the classes and this makes her boss, the associate dean, unhappy. What should Joel do?

Panther Analytics and The Census

- As of February 2018, for all official reporting → continue to refer to census report as provided by CIRO
 - The Census is the official snapshot of where we stand
 - It is performed once a semester at a specific time
 - Panther Analytics data is dynamic and changes every day (once a day)
 - In addition, Panther Analytics does not replace some common functions like running Student Program Evaluations

Panther Analytics Required Training

- All employees using Panther Analytics must complete their FERPA training
 - We will check!
- A second “Good Practices in Data Handling” course is under consideration as required for Panther Analytics users



Policy and Training Reference Links

Acceptable Use Policy:

<http://www.chapman.edu/campus-services/information-systems/policies-and-procedures/acceptable-use-policy.aspx>

Privacy Policy:

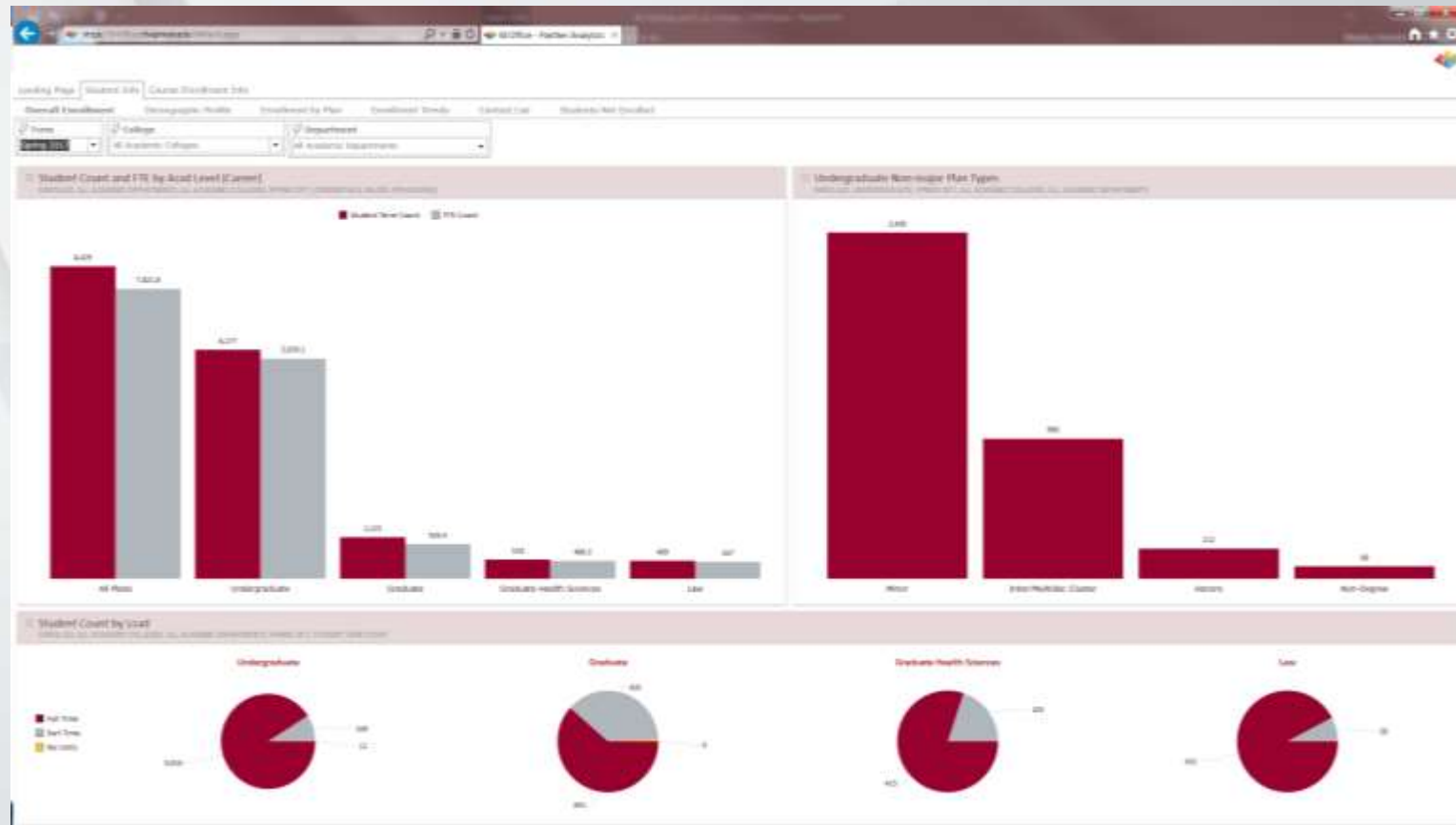
<http://www.chapman.edu/campus-services/information-systems/policies-and-procedures/privacy-policy.aspx>

FERPA Guidelines:

<http://www.chapman.edu/students/academic-resources/registrar/student-services/privacy-rights-ferpa/ferpa-guidelines.aspx>



Panther Analytics: Let's Log In!



For best results...

- Use MS Internet Explorer browser (not MS Edge)
- Yes, it does work on a MAC!



Panther Analytics Landing Page

www.chapman.edu/pantheranalytics

The screenshot shows the Panther Analytics landing page on the Chapman University website. The page features a navigation bar with links to ABOUT, ACADEMICS, ADMISSION, ARTS, CAMPUS LIFE, RESEARCH, and SUPPORT. A sidebar on the left lists various software tools available to users, including Sage for Business, Dropbox, WUvo, EndNote, Mathematica, SPSS, ChemDraw, Adobe Creative Cloud, Poll Everywhere, Qualtrics, and Microsoft Office 365. The main content area is titled "Panther Analytics" and includes a bar chart showing an upward trend. Text describes the tool as a business analytics tool that provides easy, self-service access to well-designed reports containing up-to-date data. A video player is embedded in the center, showing a woman presenting the tool's features. To the right, there are links to "Login to Panther Analytics", a "Feedback" form, and a "Need Assistance / Support?" section with contact information. At the bottom, a section titled "Key Features" lists: "What Type of Data Does it Contain?", "Scope of Project and Timeline", and "Training Materials and other Resources".

CHAPMAN UNIVERSITY

ABOUT ACADEMICS ADMISSION ARTS CAMPUS LIFE RESEARCH SUPPORT

» Campus Services » Information Systems & Technology » Software » Panther Analytics

Software

- Sage for Business
- Dropbox
- WUvo
- EndNote
- Mathematica
- SPSS
- ChemDraw
- Adobe Creative Cloud
- Poll Everywhere
- Qualtrics
- Microsoft Office 365

Panther Analytics

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Empowering Student Success

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Login to Panther Analytics »

Feedback

We'd love to hear from you! Let us know how we're doing by filling out our Feedback Form.

Need Assistance / Support?

Send us an email at pantheranalytics@chapman.edu or call (714) 596-5000.

What is Panther Analytics?

- Centralized data from various systems
- Can easily explore the data
- Self-administered reporting
- Can generate easy-to-read charts and other visualizations
- Is easy to learn & use

This new tool can do the following

Key Features

- What Type of Data Does it Contain?
- Scope of Project and Timeline
- Training Materials and other Resources

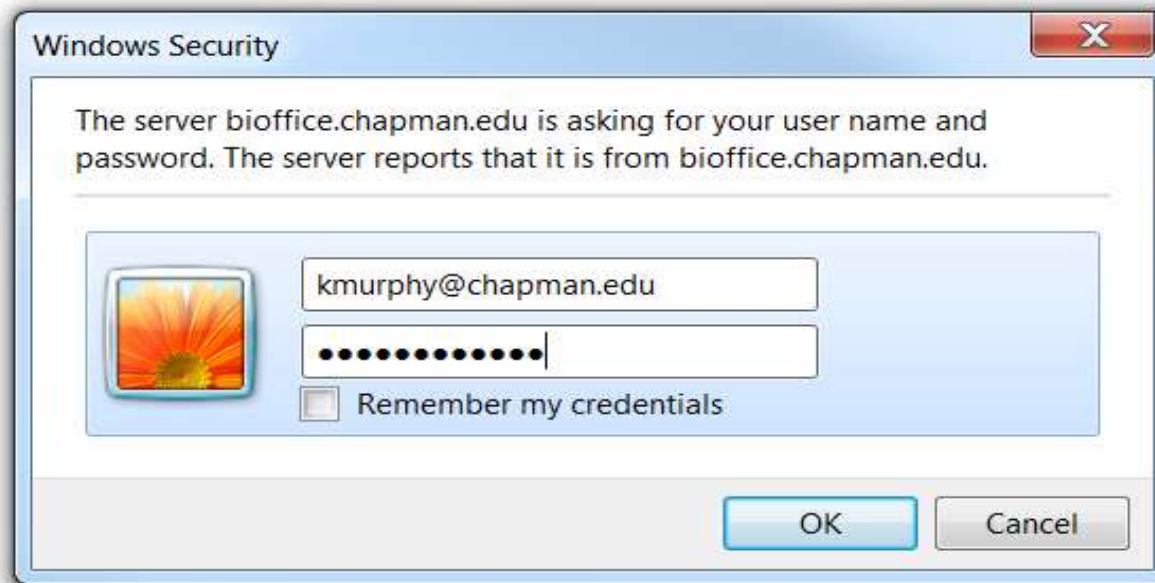
Logging into Panther Analytics

<https://biooffice.chapman.edu>



Logging into Panther Analytics

Use your CU credentials!



Panther Analytics

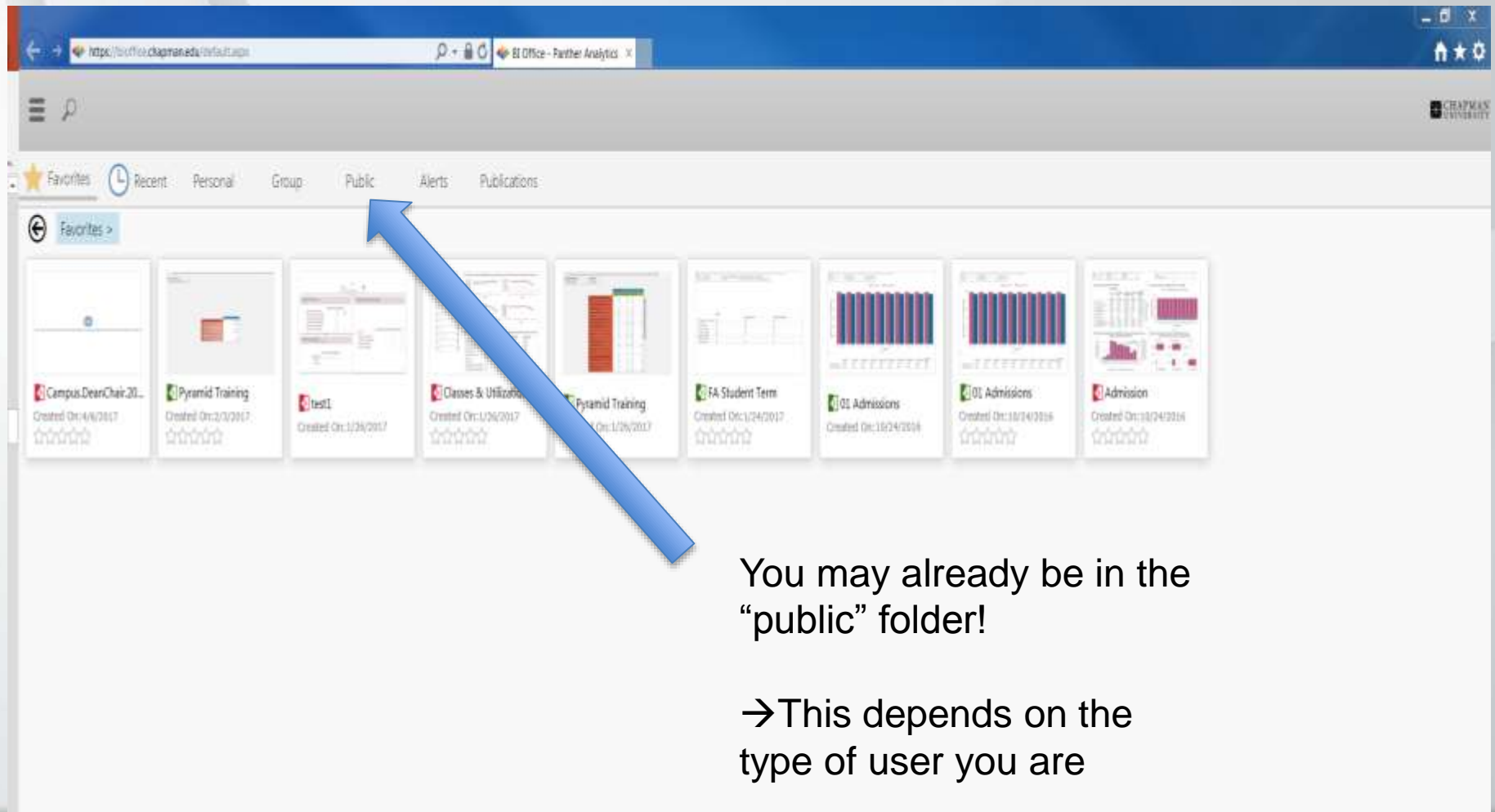
Start Window-Basic User Interface

The screenshot shows the Panther Analytics web interface. The browser address bar displays <https://o1ce.chapman.edu/default.aspx>. The navigation bar includes tabs for Favorites, Recent, Personal, Group, Public, Alerts, and Publications. Below the tabs, a 'Favorites >' section displays a grid of dashboard thumbnails. A blue arrow points from the 'Public' tab to the 'Admission' dashboard thumbnail.

This area may be blank.....
AND/OR
you are already pointing to Public

Panther Analytics

Navigate to the Public Folder

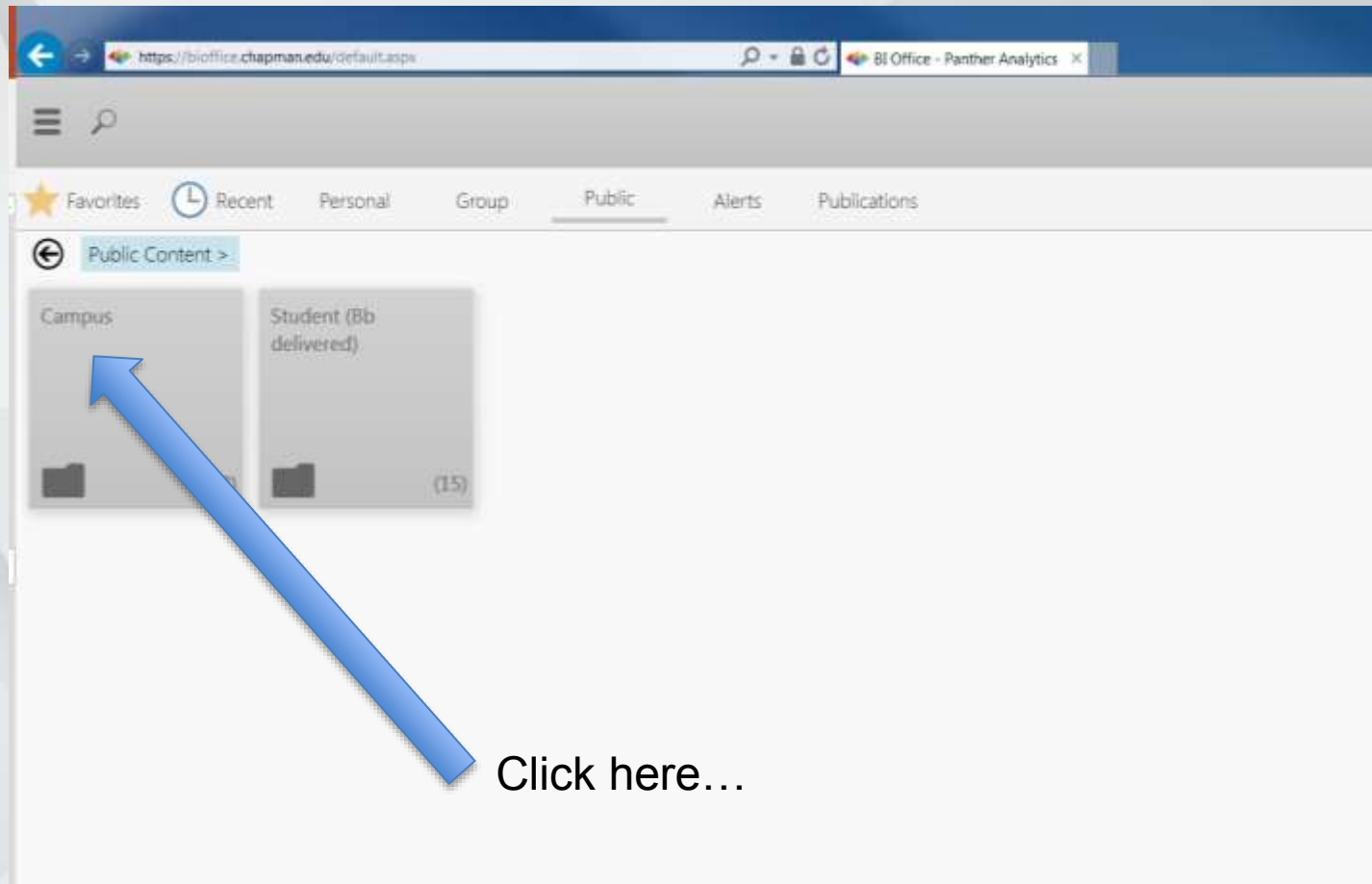


The screenshot shows the Panther Analytics web application. The browser address bar displays <https://o1ce.chapman.edu/default.aspx>. The application header includes a search icon, a menu icon, and the Chapman University logo. Below the header is a navigation bar with tabs: Favorites, Recent, Personal, Group, Public, Alerts, and Publications. The 'Public' tab is highlighted with a blue arrow. Below the navigation bar is a 'Favorites >' section displaying a grid of dashboard thumbnails. Each thumbnail includes a title, a small preview image, and a 'Created On' date. The thumbnails are: Campus.DearChair.20..., Pyramid Training, test1, Classes & Utilization, Pyramid Training, FA Student Term, O1 Admissions, O1 Admissions, and Admission.

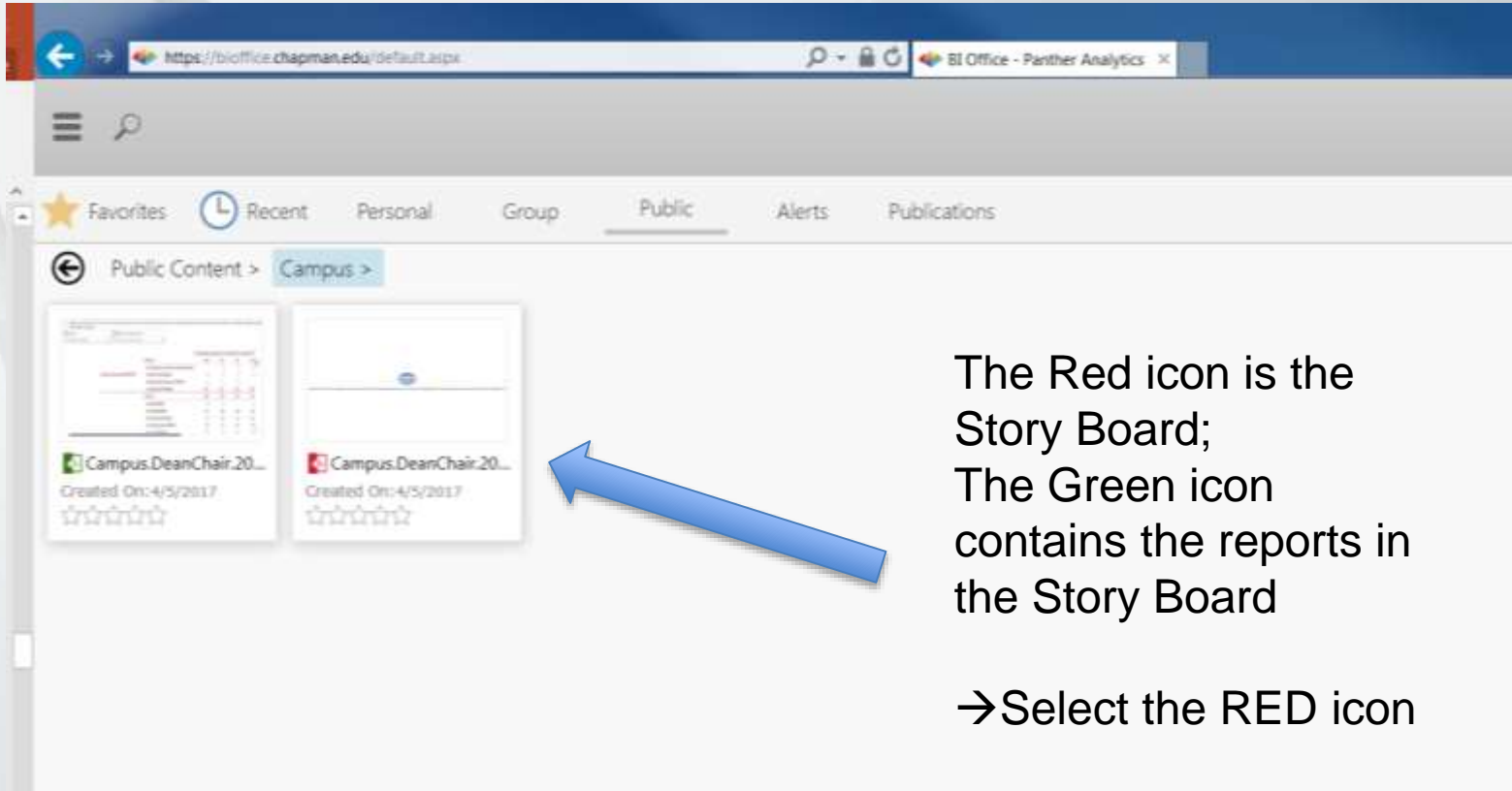
You may already be in the “public” folder!

→ This depends on the type of user you are

From the Public Folder go to Campus



In Campus folder, choose
“Campus.DeanChair”
(Red) Story Board icon



The screenshot shows a web application interface with a navigation bar at the top. The address bar displays <https://biooffice.chapman.edu/default.aspx>. Below the navigation bar, there are tabs for Favorites, Recent, Personal, Group, Public, Alerts, and Publications. The 'Public Content' section is active, showing a list of items. Two items are visible: 'Campus.DeanChair.20...' with a green icon and 'Campus.DeanChair.20...' with a red icon. A blue arrow points to the red icon item. The text on the right explains that the red icon is the Story Board and the green icon contains reports in the Story Board. It also instructs to select the RED icon.

The Red icon is the Story Board;
The Green icon contains the reports in the Story Board

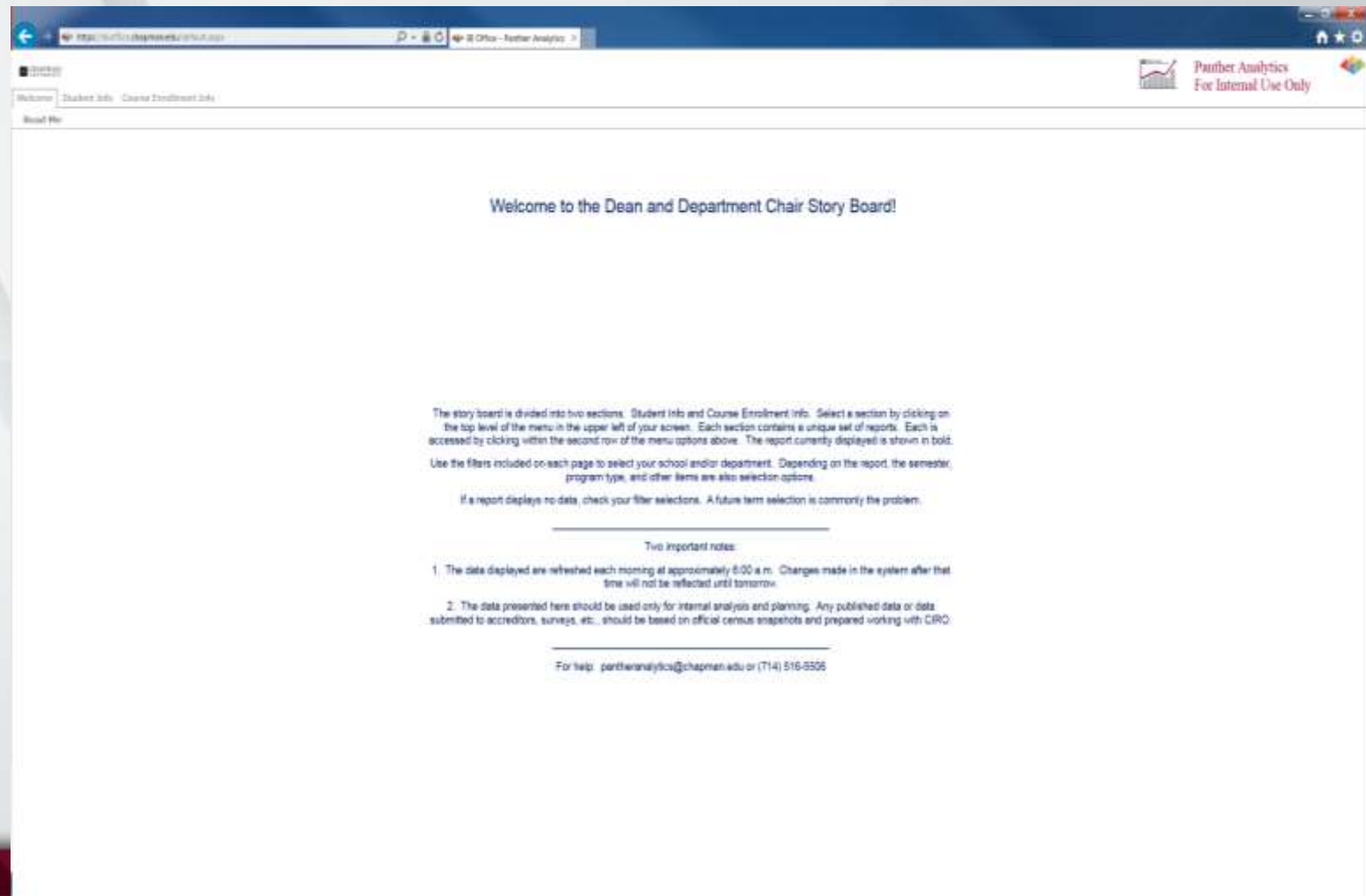
→Select the RED icon

Finally....

Choose View Story Board

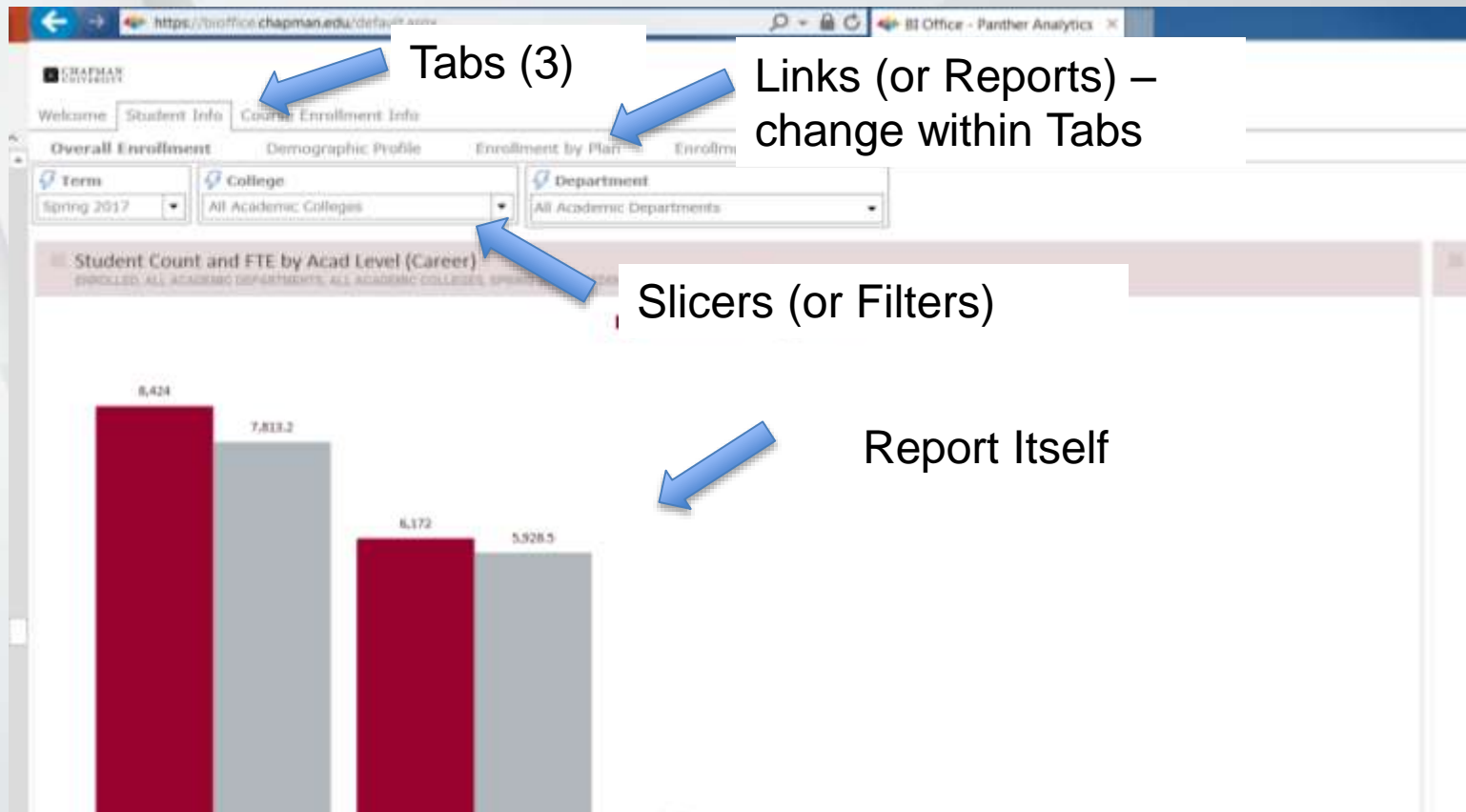
The screenshot shows a web application interface. At the top, there is a browser address bar with the URL <https://office.chapman.edu/infocenter.aspx>. Below the address bar is a navigation menu with tabs: **Public**, **Group**, **Personal**, **Recent**, **Favorites**, **Alerts**, and **Publications**. The main content area displays a breadcrumb trail: **Public Content > Campus > Campus.DeanChair.20170405 >**. Below this, there is a large thumbnail image of a document titled **Campus.DeanChair.20170405**. To the right of this thumbnail is a grid of smaller thumbnails, each with a title and a small icon: **Read Me**, **Overall Enrollment**, **Demographic Profile**, **Enrollment by Plan**, **Enrollment Trends**, **Contact**, **Waitlist Analysis**, and **Waitlist Analysis**. A blue arrow points to a button labeled **View Story Board** located below the main thumbnail. To the right of the arrow, the text **Click here...** is displayed.

Dean Chair Story Board Start (Splash) Screen

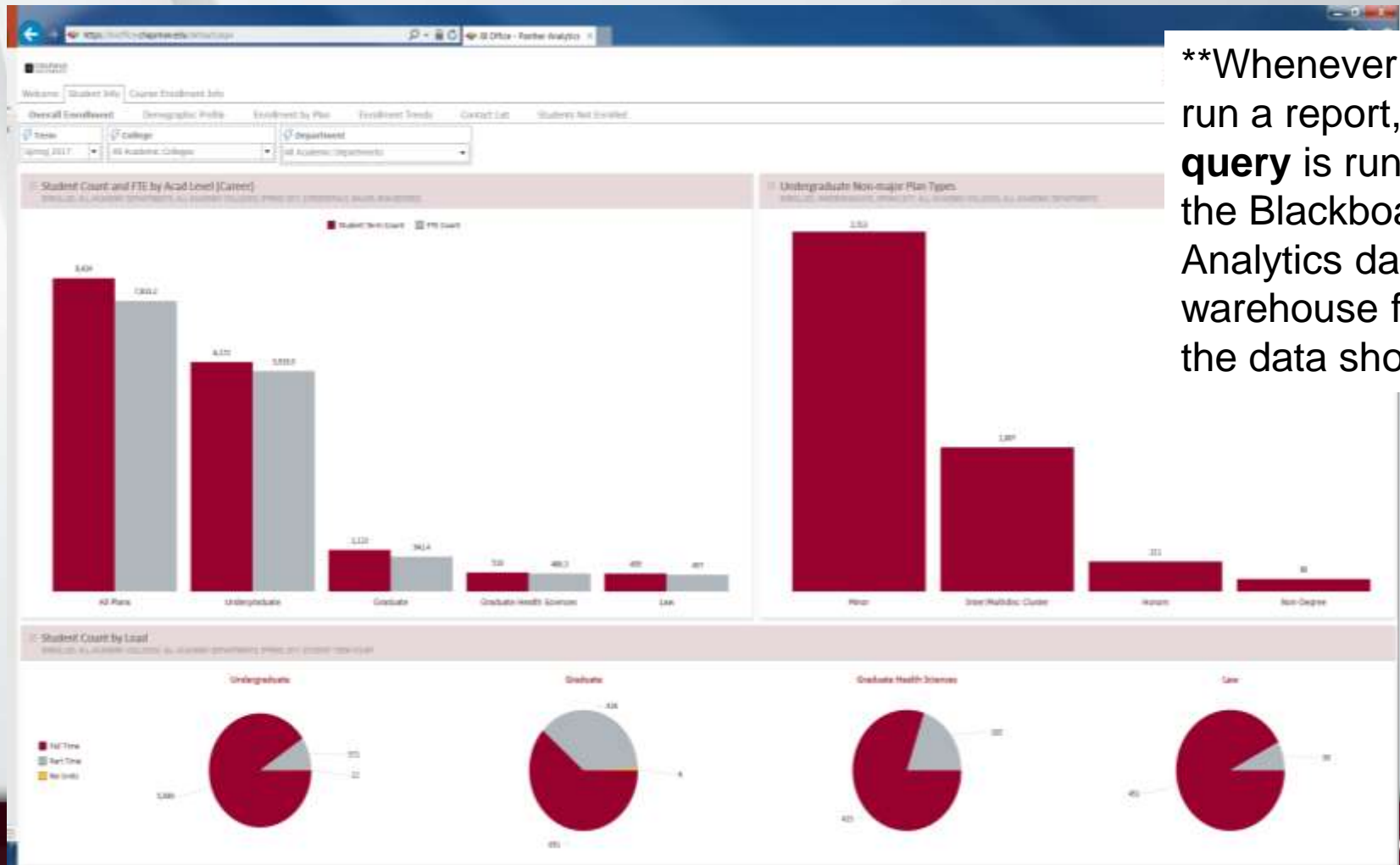


Dean Chair Story Board

“Student Info” tab



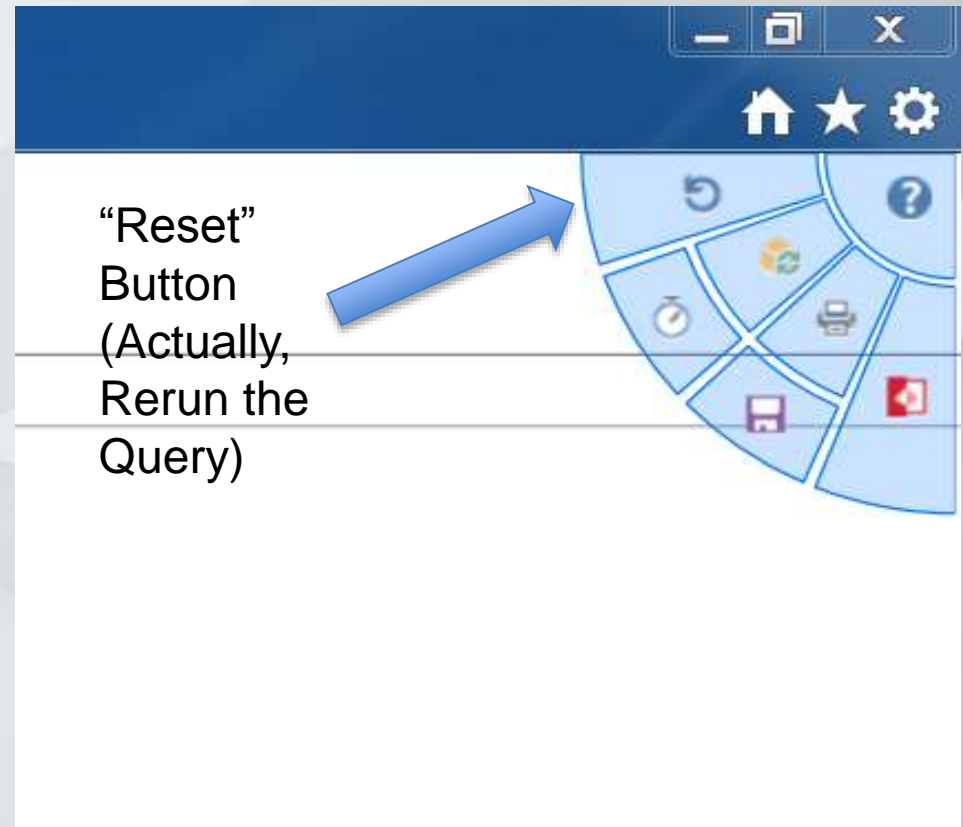
Dean Chair Story Board: Overall Enrollment Report



Whenever you run a report, a **query is run on the Blackboard Analytics data warehouse for the data shown

Key Feature and Rule #2

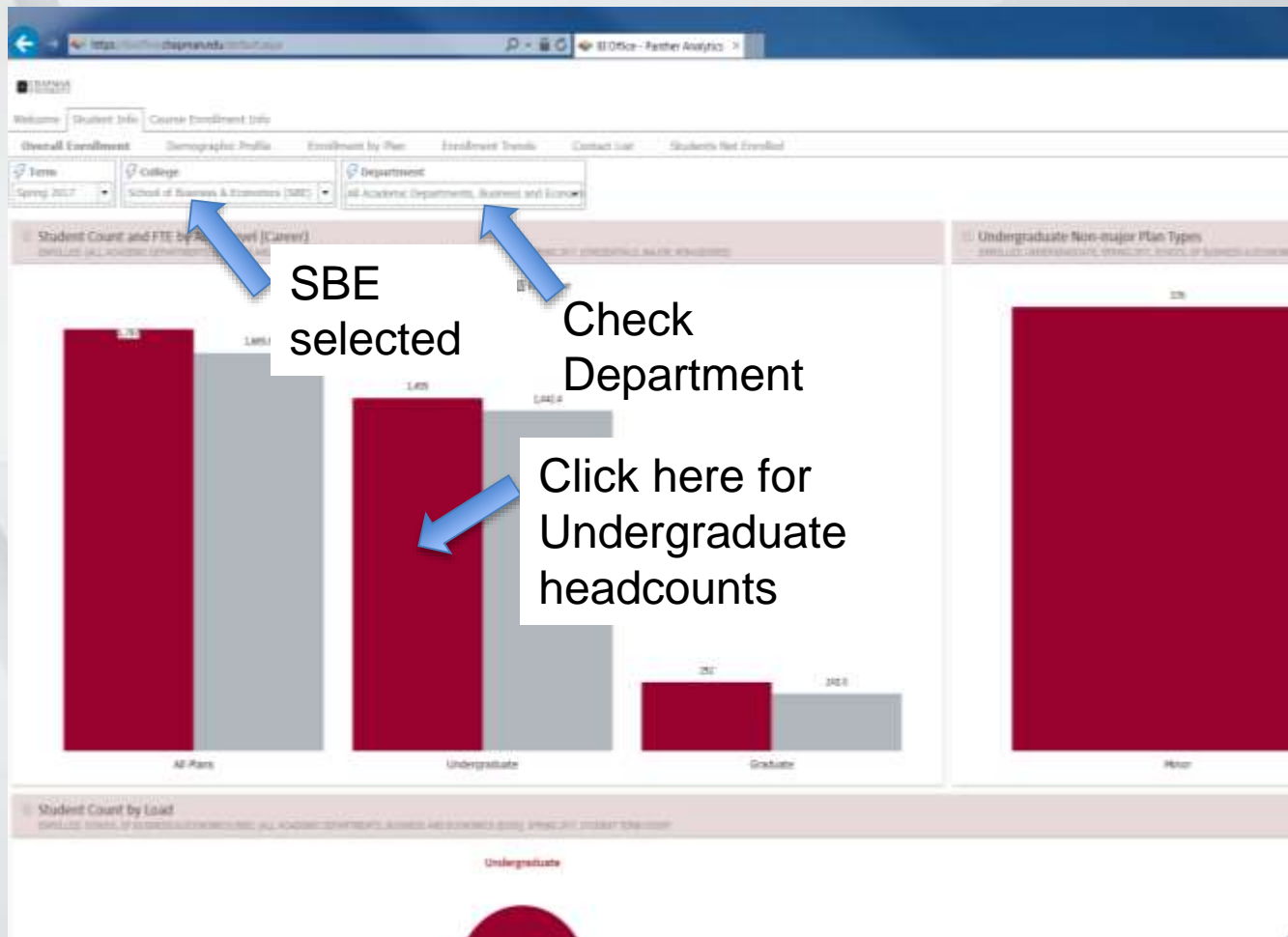
If stuck, use the “Reset” button



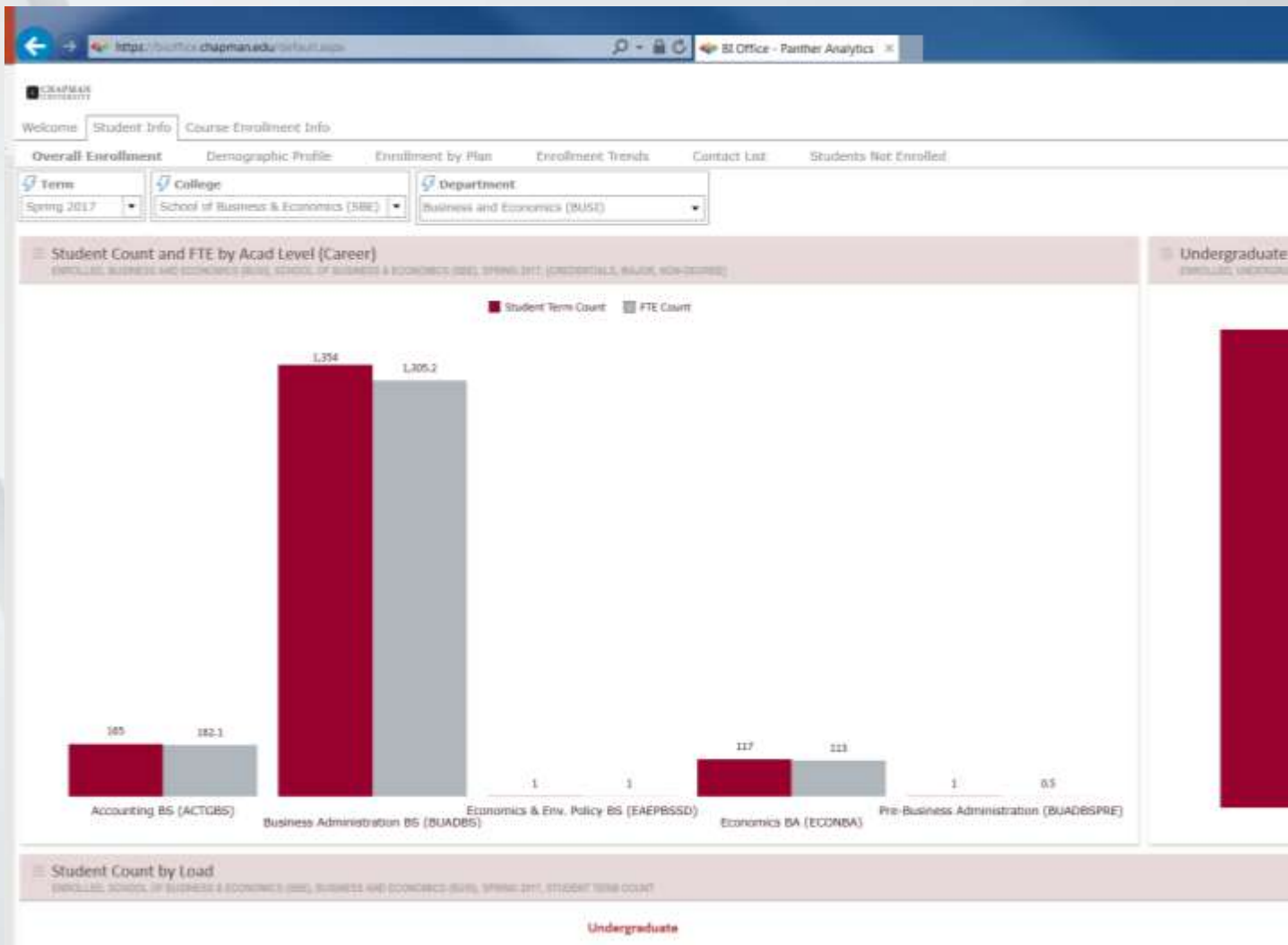
Practice 1: Drilling Down

- “Student Info” tab → “Overall Enrollment” link
- Select a term (e.g., spring 2018), a college and department in the slicers
 - Pick your favorite!
- Find the bar with the undergraduate student term count
- Now click on the bar....what happened?
- Try clicking again...what happened now?

Drill Down illustration for College SBE



After a few clicks.....



“Student Info” tab:

Questions to answer for Spring 18:

- What are the most popular minors in Dodge College?
 - What are the top 3 minors overall based on enrollment?
- What is the trend in enrollments in the Math and Computer Sciences majors overall?
 - Which of the majors in the group are growing the fastest?
- How diverse is Strategic and Corporate Communications major?
 - How is it changing over time?
- How many seniors are not enrolled this term at the College of Performing Arts?
 - Why?



Panther Analytics Quiz:

Part B: Data Management Terminology

- What is a “query” in a database or a system like PeopleSoft or Panther Analytics?
 - A request to obtain data
- What is a “filter” in a database or in MS Excel?
 - A way of restricting data to a subgroup of the data
- What is a “slicer”?
 - The same thing as a filter as mechanism of restricting the set of data being examined
- What does it mean to “drill down”?
 - Similar to a filter, drill into a subgroup of the data

Panther Analytics Quiz:

Part C: Data Terminology at Chapman

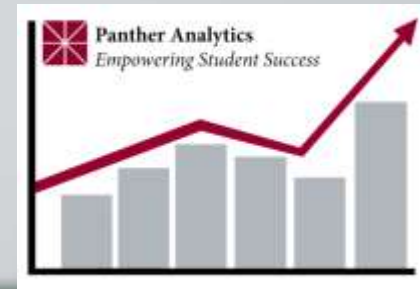
- What is the word we use for “school or college”?
 - Academic Group
- What is the word we use for “major” or a “minor”?
 - Plan
- What is the word we use for course “section”?
 - Class
- What is the word we use for level of a course (grad, undergrad, etc.,)?
 - Career
- What is the word we use for a cross listed course?
 - Combined



Panther Analytics Training

Summary for Part 1

- This presentation introduced Panther Analytics, Chapman's BI System and the ongoing project supporting it
- We described good practices for handling sensitive data which will be available in Panther Analytics
- We logged in to Panther Analytics and began to navigate the system and obtain reports
 - Next session will practice our Hands-on skills
 - Looking forward to seeing you there!



Feedback/Comments?



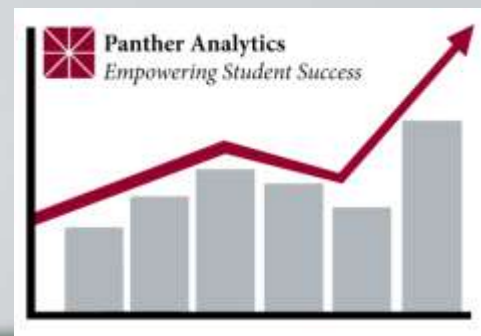
Introduction to Panther Analytics

Training Part 2 of 2

Ken Murphy

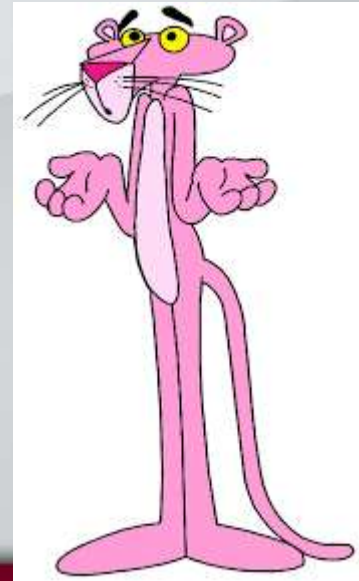
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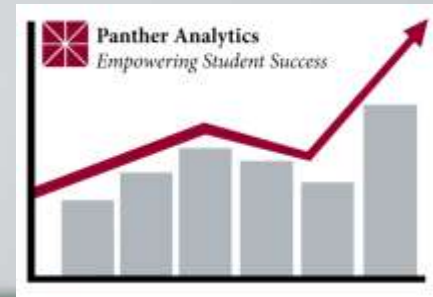
Panther Analytics Training: What and Why?

- A two part series on learning and using Panther Analytics
 - Part 1: Defining and Logging in to PA
 - **Part 2: Reporting using PA**
 - Drilling down (and up)
 - Obtaining lists of students
 - Using the other reporting features



Goals for this Session:

- Practice using Panther Analytics to obtain information
 - Drilling down and up to get precise information
 - Using “Cell Action List” to get lists of items, in particular student lists
 - Using other reporting features, e.g., “Interaction” and more
- Know where to obtain help
- Add you wish to our wish list!



Panther Analytics Landing Page

www.chapman.edu/pantheranalytics

The screenshot shows the Panther Analytics landing page on the Chapman University website. The page features a navigation bar with links to ABOUT, ACADEMICS, ADMISSION, ARTS, CAMPUS LIFE, RESEARCH, and SUPPORT. A sidebar on the left lists various software tools available to users, including Sage for Business, Dropbox, WUv, EndNote, Mathematica, SPSS, ChemDraw, Adobe Creative Cloud, Poll Everywhere, Qualtrics, and Microsoft Office 365. The main content area is titled "Panther Analytics" and includes a bar chart showing an upward trend. Text describes the tool as a business analytics tool that provides easy, self-service access to well-designed reports containing up-to-date data. A video player is embedded in the center, showing a woman presenting the tool's features. To the right, there are links to "Login to Panther Analytics", a "Feedback" form, and a "Need Assistance / Support?" section with contact information. At the bottom, a section titled "Key Features" lists: "What Type of Data Does it Contain?", "Scope of Project and Timeline", and "Training Materials and other Resources".

CHAPMAN UNIVERSITY

ABOUT ACADEMICS ADMISSION ARTS CAMPUS LIFE RESEARCH SUPPORT

» Campus Services » Information Systems & Technology » Software » Panther Analytics

Software

- Sage for Business
- Dropbox
- WUv
- EndNote
- Mathematica
- SPSS
- ChemDraw
- Adobe Creative Cloud
- Poll Everywhere
- Qualtrics
- Microsoft Office 365

Panther Analytics

Panther Analytics
Empowering Student Success

Panther Analytics is the university's data warehouse, a business analytics tool acquired to give staff, faculty and administrators access to nearly up-to-date reports and data needed for day-to-day work-related activities, as well as for assessment, planning and informed decision making.

It provides easy, self-service access to well-designed reports containing up-to-date data within a few clicks. This highly sophisticated reporting tool will allow you to run reports that can identify key metrics such as enrollment counts and percentages with drill-down capabilities to identify specific colleges/school, department, course-level or student-level information.

Login to Panther Analytics »

Feedback

We'd love to hear from you! Let us know how we're doing by filling out our Feedback Form.

Need Assistance / Support?

Send us an email at pantheranalytics@chapman.edu or call (714) 596-5000.

What is Panther Analytics?

- Generate reports on demand
- Get easily integrated data
- Self-administered reporting
- Get reports and data to meet your needs
- Is easy to learn & use

This new tool can do the following

Key Features

- What Type of Data Does it Contain?
- Scope of Project and Timeline
- Training Materials and other Resources

Remember, for best results with PA....

- Use the Internet Explorer Browser....
- Yes, it does work on a MAC!

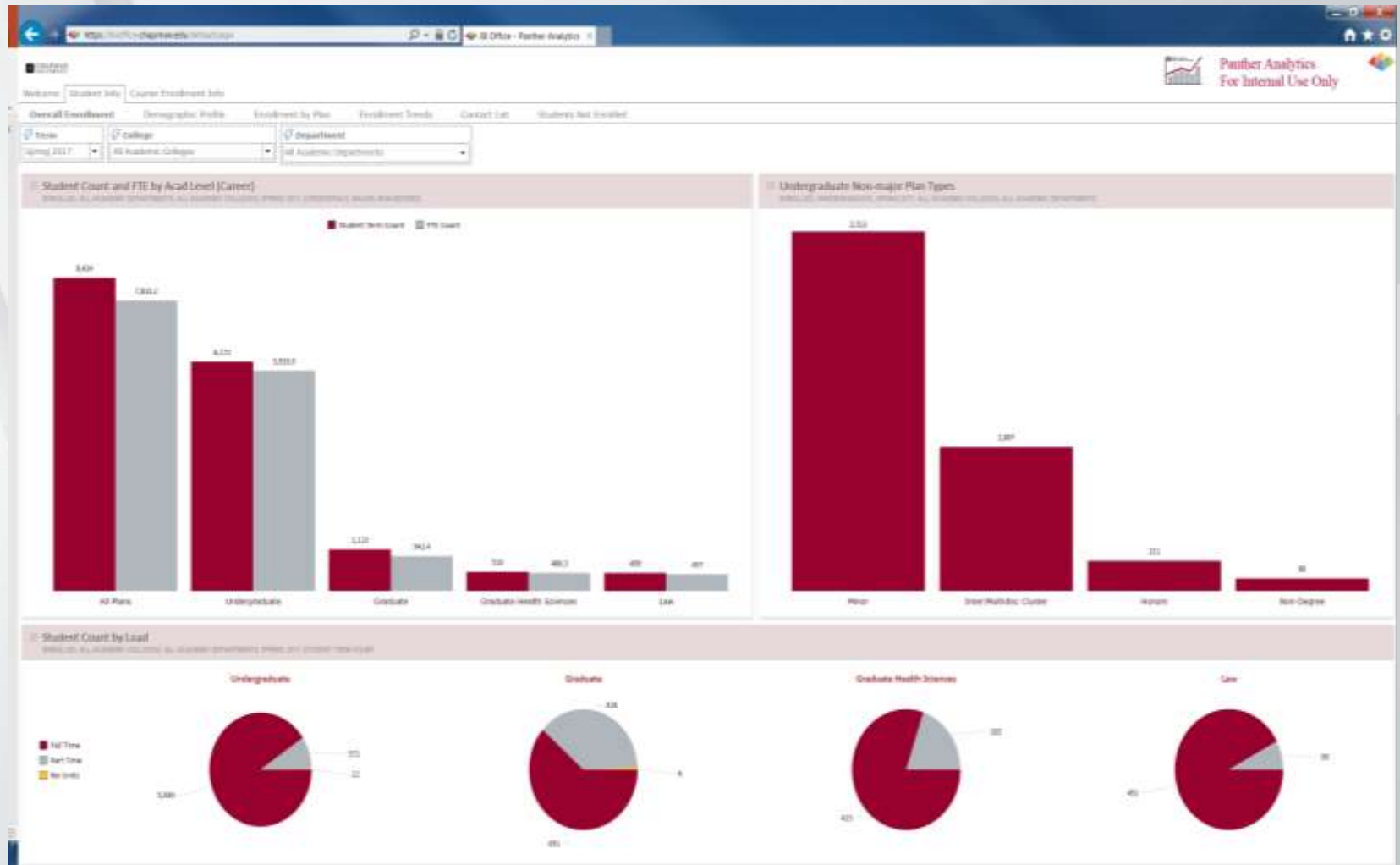


Logging into Panther Analytics

<https://biooffice.chapman.edu>

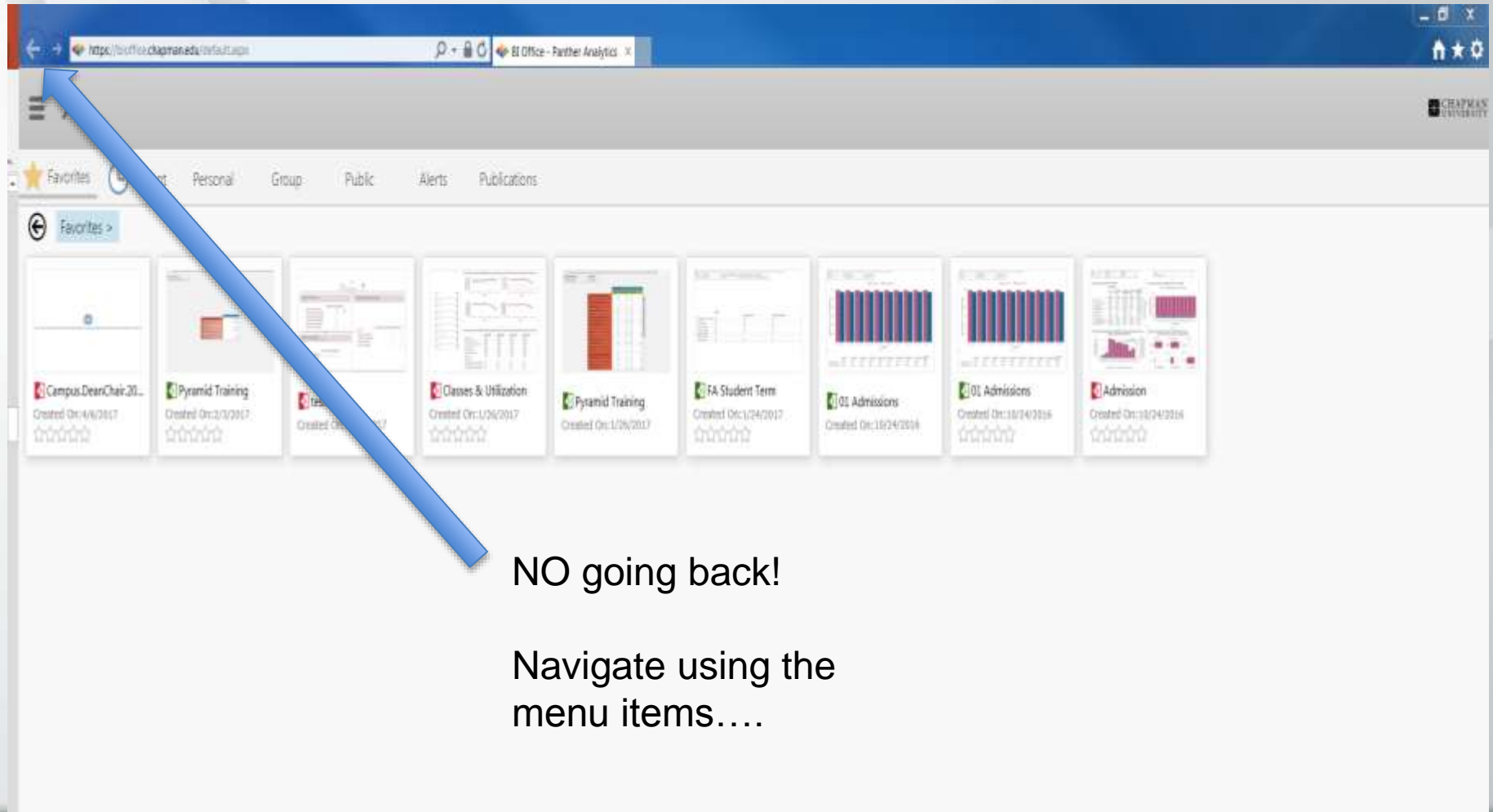


First Report: Enrollment Report



Panther Analytics

Rule #1: Don't Use the BACK button!

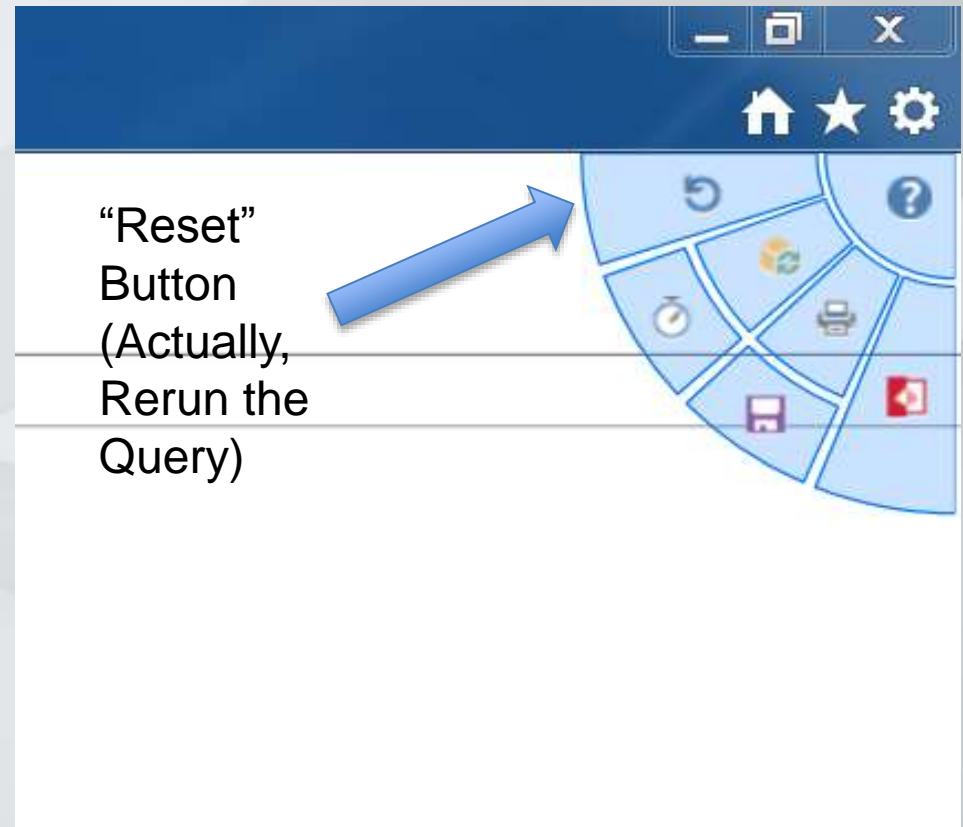


The screenshot shows the Panther Analytics web application interface. A large blue arrow points from the text 'NO going back!' to the back button in the browser's address bar. The interface includes a navigation menu with options like Favorites, Personal, Group, Public, Alerts, and Publications. Below the menu, there is a 'Favorites >' section displaying a grid of dashboard tiles. Each tile contains a small preview of a dashboard and a title, such as 'Campus.DearChair.20...', 'Pyramid Training', 'Classes & Utilization', 'Pyramid Training', 'FA Student Term', '01 Admissions', '01 Admissions', and 'Admission'. Each tile also shows a creation date and a star rating.

NO going back!

Navigate using the menu items....

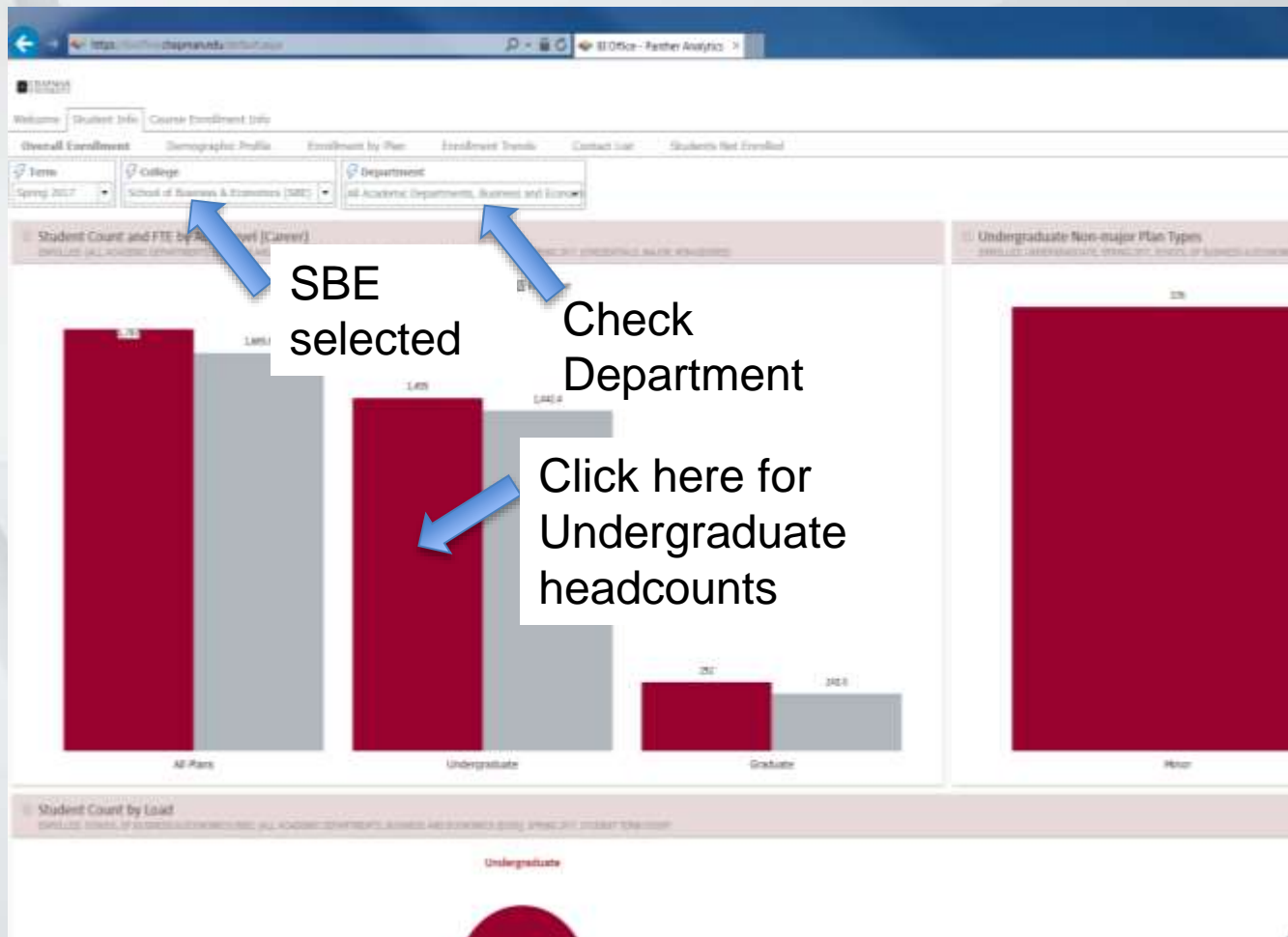
Key Feature and Rule #2, the “Reset Button”



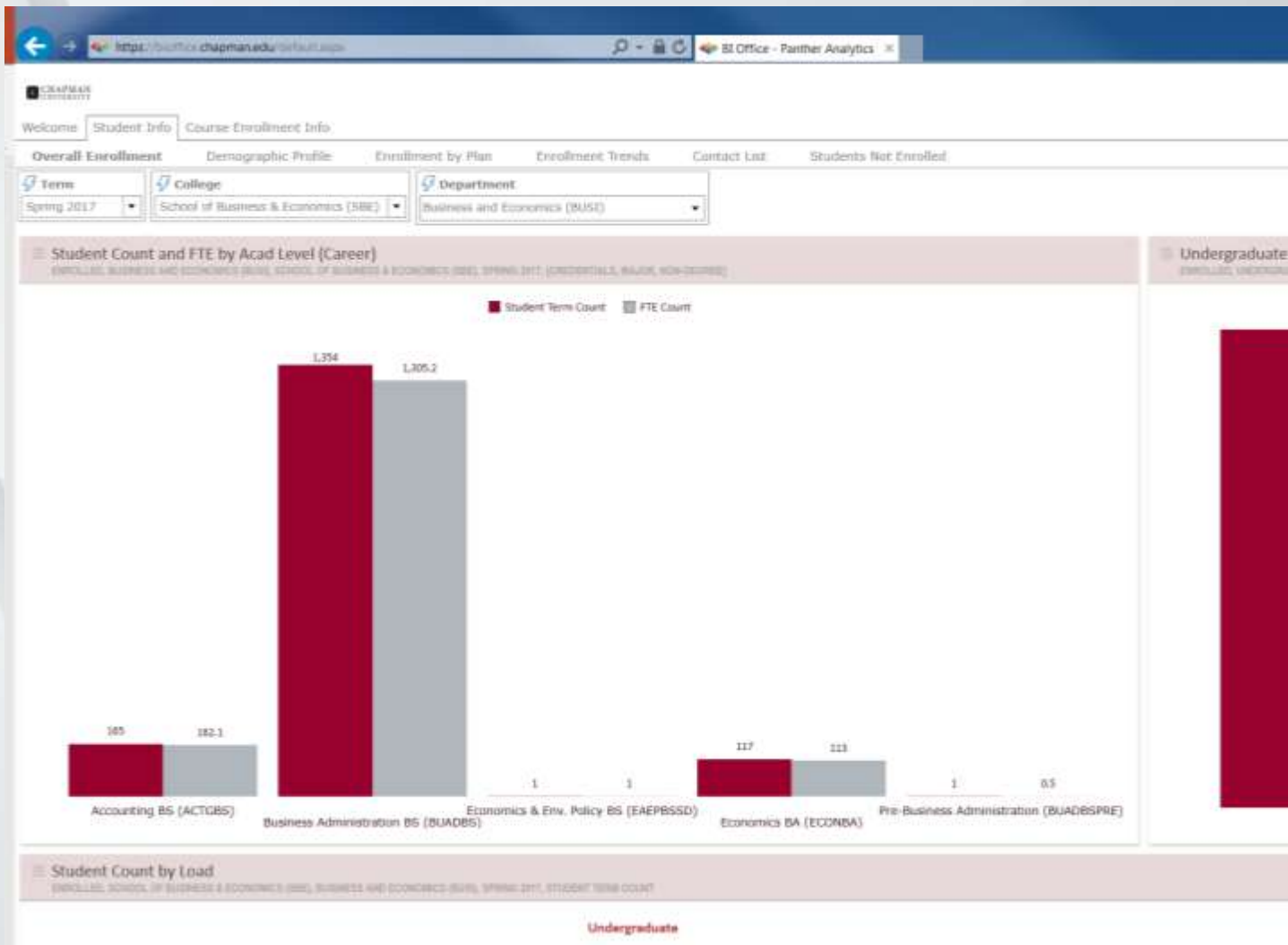
Practice 1: Drilling Down

- Student Data Tab→Overall Enrollment Link
- Select the current term (e.g., Spring 18), a college and department you are interested in
- Find the bar with the undergraduate student term count
- Now click on the bar....what happened?
- Try clicking again...what happened now?

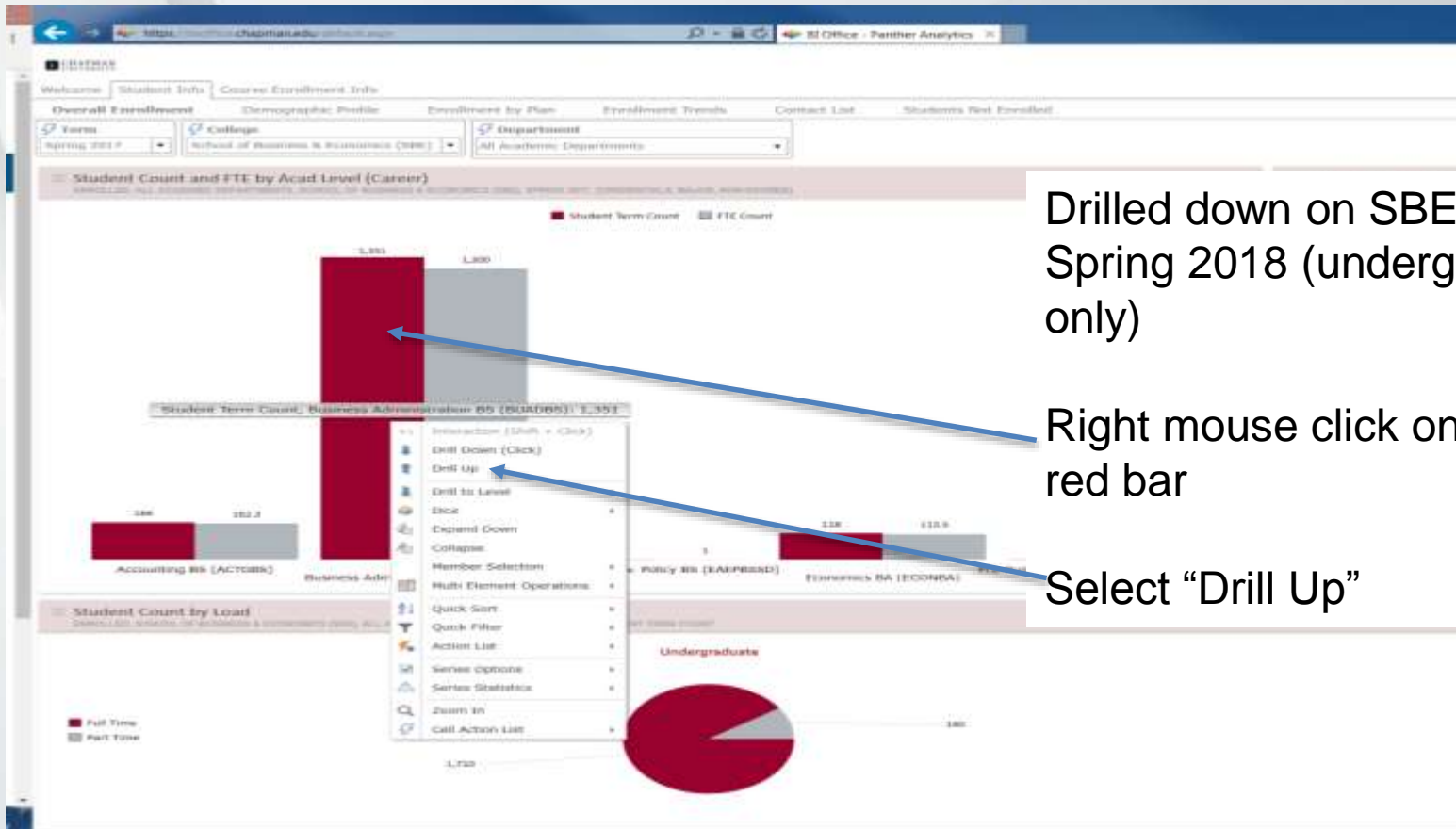
Drill Down illustration for College SBE



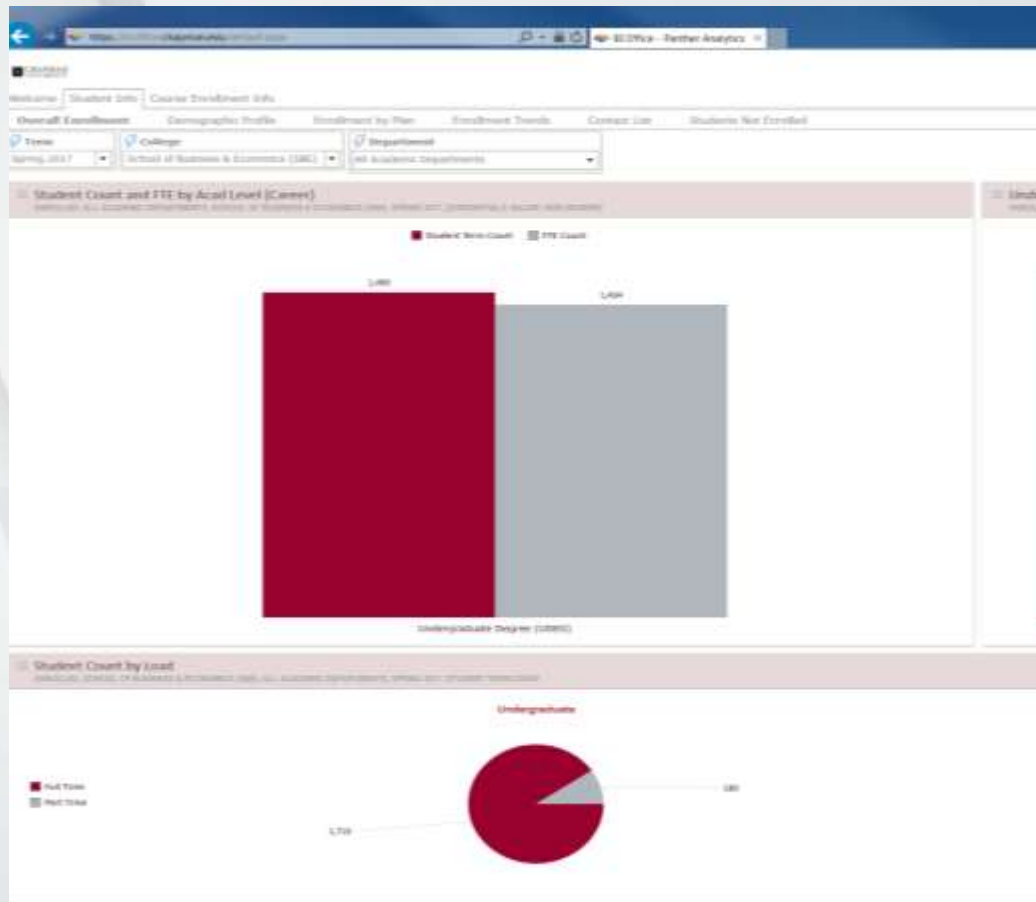
After a few clicks.....



Practice 1A: Drilling Up



After drilling up.....



All majors in SBE undergrad program now combined into a single box

Note drilling up does not necessarily return you to where you started drilling down from.....

Don't forget that one can always use the "reset" button....

Practice 2:

Obtaining a List of Students

- You've drilled down to the level of interest, now you want to get a list of those students....
- Right mouse click on a bar or a number
 - The icon should change slightly
- Choose “Cell Action List”
- Choose one of the “Student Term Drill” options
- And... what happens?

Practice 2 (con't): Obtaining a List of Students

- Go to Enrollment by Plan report
- Choose the current term, Schmid College, Chemistry department and majors
 - How many majors are there?
- Now right click on the senior Chemistry majors and select “Cell Action List”
 - What happens?

Current Majors in the Chemistry Dept.

Double majors are included in the counts for each of their majors below. The subtotals, however, count each student only once.

Career	Plan/Minor	Plan	Academic Level				Grand Totals
			Freshman	Sophomore	Junior	Senior	
Undergraduate	Chemistry	All Plans	25	22	17	30	94
		Biochemistry BS (BIOBS)	1				1
		Biochemistry Molecular Bio BS (BIOBBS)	24	14	13	27	78
		Chemistry BS (CHEMBS)	4	8	4	3	19

Right Click Here

Using Cell Action List

Academic Level					
	Freshman	Sophomore	Junior	Senior	Grand Totals
	29	22	17	30	98
	1				1
(MBBS)	24	14	13	27	78
	4	8	4	3	19

Zoom In

Cell Action List

Student Term Drill - One Row Per Plan

Student Term Drill - One Row Per Student

Student Term Drill - Plan plus Additional Plan

Select This Option (try the others...)

Cell Action List → One Row per Student Results:

Student Term Drill - One Row Per Student

#	Academic Load	Tuition	Full Time	Part Time	Indicator	Program Description	Term Enrolled	Indicator	Term Enrolled	Indicator Key	First Term in Career	Indic
1	Part Time					Undergraduate Degree	Actively Enrolled				Continuing in Career	
2	Full Time					Undergraduate Degree	Actively Enrolled				Continuing in Career	
3	Full Time					Undergraduate Degree	Actively Enrolled				Continuing in Career	

Export to Excel (3,000) Resubmit 000's Close

Convert to .csv
(Excel compatible)

Practice 3:

Using the “Interaction” Feature

- You’re looking at the course enrollments and doing your best to manage wait lists
 - You’re in the “waitlist analysis” report, “course enrollment info” tab
 - Example uses “Spring 18”, “SBE”, “All Academic Departments”
- Note the waitlist total for MGSC 207, “Intro to Business Analytics”
 - Who are these students on the waitlist?

Waitlist Report, Spring 18, SBE

1. Select the term, college, and department.
2. In the first report below, right click on the course title (NOT the class number). This will populate the live tool reports.

Class Number	Course	Section Status	Waitlist Size	Section Size	Enrolled Count	Section Capacity	Waitlist Size (En Capacity Minus Enrolled)
ACCT 210	Intro to Financial Acg	Active (C)	0	0	217	215	0
ACCT 211	Intro to Managerial Accounting	Active (C)	0	0	203	207	00
BAE 221	Legal Environment of Business	Active (C)	0	0	204	200	3
BAE 475	Business Policies Intro. Sem	Active (C)	0	0	200	220	10
ECEN 200	Principles of Microeconomics	Active (C)	1	11	274	300	-0
ECEN 300	Principles of Microeconomics	Active (C)	0	0	200	200	00
FIN 307	The Financial System	Active (C)	0	0	19	00	0
FIN 307	Financial Management	Active (C)	0	0	104	200	0
FIN 321	Intermediate Financial Mgmt	Active (C)	0	0	01	00	0
FIN 400	Special Topics in Finance	Active (C)	0	0	10	00	0
ISADMT 330	Management of Organizations	Active (C)	0	0	200	200	00
ISADMT 400	Special Topics in Management	Active (C)	0	0	00	00	00
MACT 201	Intro to Business Analytics	Active (C)	27	21	291	200	11
MACT 209	Intro Business Statistics	Active (C)	4	4	140	140	0
MACT 301	Management Information Systems	Active (C)	0	0	100	100	00
MACT 300	Production & Operational Mgmt	Active (C)	0	0	100	100	00

Waitlisted Sections by Course

Waitlisted Students by Course

Grid Area: The query contains no results.

Waitlisted
numbers of
students are
here

Using the “Interaction” Feature

The screenshot shows the Panther Analytics web application. At the top, there are tabs for 'Welcome', 'Student Info', and 'Course Enrollment Info'. Below these are filters for 'Term' (Spring 2022), 'College' (School of Business & Economics (SBE)), and 'Department' (All Academic Departments). A table lists various courses with columns for 'Class Number', 'Course', 'Section Status', 'Waitlist Total', and 'Section Count'. A right-click context menu is open over the 'Waitlist Total' column, with the 'Interaction' option selected. Below the table, there is a section for 'Waitlisted Sections' and a message stating 'No Results Found: The query contains no results.'

1. Select the term, college, and department.
2. In the first report below, right click on the course title (NOT the class number). This will populate the two lower reports.

Class Number	Course	Section Status	Waitlist Total	Section Count
ACTS 230	Intro to Financial Acctg	Active (A)	6	6
ACTG 231	Intro to Managerial Accounting	Active (A)	5	7
BAIS 215	Legal Environment of Business	Active (A)	2	25
BUIS 475	Business Policy/Global Pers	Active (A)	2	9
ECOM 200	Principles of Microeconomics	Active (A)	5	51
ECOM 205	Principles of Macroeconomics	Active (A)	7	5
FIN 407	The Financial System	Active (A)	1	3
FIN 317	Financial Management	Active (A)	2	5
FIN 327	Intermediate Financial Mgmt	Active (A)	2	2
FIN 496	Special Topics in Finance	Active (A)	1	
MGMT 318	Management of Organizations	Active (A)	5	
MGMT 399	Special Topics in Management	Active (A)	1	
MGSC 207	Intro to Business Analytics	Active (A)	27	
MGSC 209	Intro Business Analytics	Active (A)	2	
MGSC 300	Management Science	Active (A)	5	
MGSC 346	Production & Operations	Active (A)	5	

Waitlisted Sections

No Results Found: The query contains no results.

Right mouse click on the name of the class

Then select interaction

1. Select the term, college, and department.
 2. In the first report below, right click on the course title (NOT the class number). This will populate the box below reports.

Course Number	Course	Section Number	Section Type	Section Count	Section Total	Section Capacity	Space Seen Over Capacity Since Enrolled
MSIS 230	MSIS 230 Financial Mgmt.	ACM1 (AL)	4	0	117	115	0
MSIS 232	MSIS 232 Managerial Accounting	ACM1 (AL)	0	0	110	107	3
MSIS 233	MSIS 233 Introduction of Business	ACM1 (AL)	0	0	114	110	4
MSIS 235	MSIS 235 Introduction to Data Science	ACM1 (AL)	0	0	114	110	4
MSIS 238	MSIS 238 Principles of Information Systems	ACM1 (AL)	0	10	115	110	5
MSIS 239	MSIS 239 Principles of Information Systems	ACM1 (AL)	0	0	115	110	5
MSIS 241	The Managerial System	ACM1 (AL)	0	0	110	105	5
MSIS 242	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 243	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 244	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 245	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 246	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 247	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 248	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 249	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 250	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 251	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 252	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 253	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 254	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 255	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 256	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 257	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 258	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 259	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 260	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 261	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 262	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 263	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 264	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 265	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 266	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 267	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 268	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 269	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 270	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 271	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 272	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 273	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 274	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 275	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 276	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 277	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 278	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 279	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 280	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 281	Introduction to Management	ACM1 (AL)	0	0	110	105	5
MSIS 282	Introduction to Management	ACM1 (AL)	0	0	110	105	

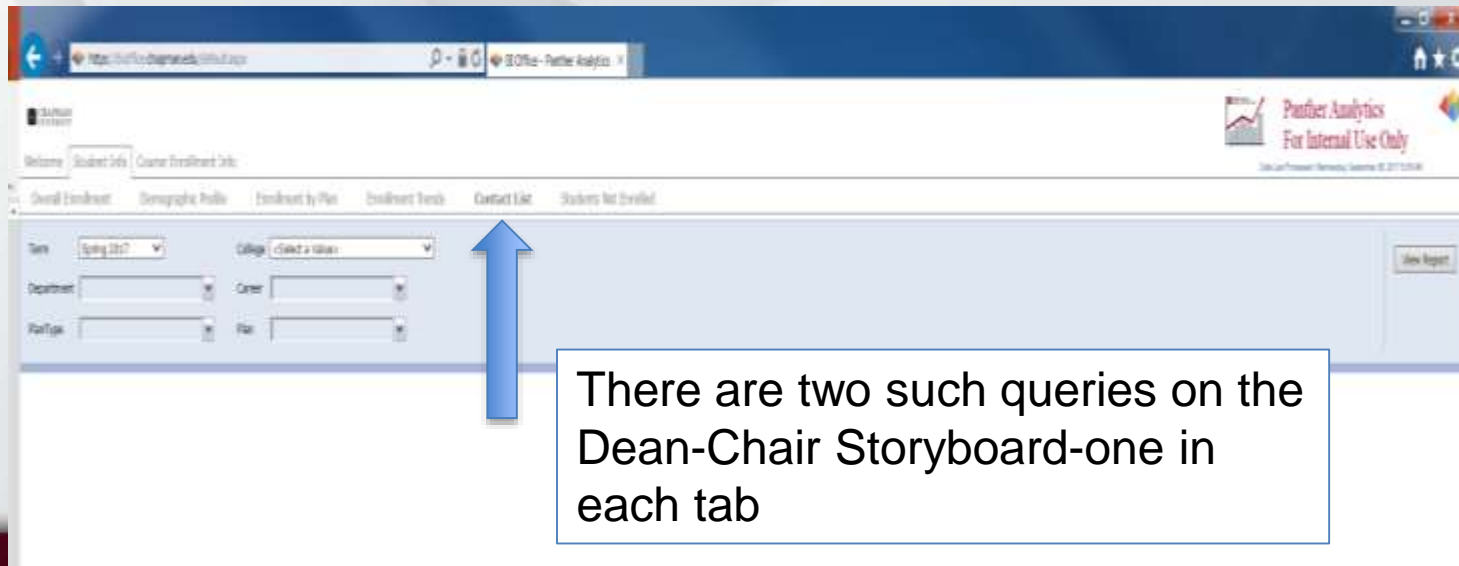


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Practice 4:

Using the SSRS Reports

- SSRS = SQL Server Reporting Services
 - This is a static query to the data warehouse for some information
 - These queries are fast and easy, but not as flexible



The screenshot shows a web application interface for 'Dean-Chair Storyboard'. The browser address bar displays 'https://office.digimarkweb.com/app'. The page has a blue header with 'Office - Partner Analytics' and a 'Partner Analytics For Internal Use Only' logo. Below the header, there are tabs: 'Overall Enrollment', 'Demographic Profile', 'Enrollment by Plan', 'Enrollment Trends', 'Contact List', and 'Students Not Enrolled'. The 'Contact List' tab is selected. Below the tabs, there are several dropdown menus for filtering: 'Term' (Spring 2017), 'College' (Select a value), 'Department', 'Order', 'PlanType', and 'Plan'. A blue arrow points to the 'Contact List' tab. A text box at the bottom right of the screenshot contains the text: 'There are two such queries on the Dean-Chair Storyboard-one in each tab'.

There are two such queries on the Dean-Chair Storyboard-one in each tab

Contact List Report

https://office.chapman.edu/default.aspx

BI Office - Panther Analytics

CHAPMAN UNIVERSITY

Panther Analytics
For Internal Use Only

Time Last Processed: Wednesday, September 28, 2017 5:28 AM

Welcome | Student Info | Course Enrollment Info

Overall Enrollment | Demographic Profile | Enrollment by Plan | Enrollment Trends | **Contact List** | Students Not Enrolled

Term: Spring 2017 | College: <Select a Value>

Department: | Career: | Plan Type: | Plan: | View Report

Simply choose the contact list parameters needed using the drop downs

Once selections are made → Click on View Report button here

Contact List Report

Term: Fall 2017 College: School of Business & Economics (SBE)
Department: Business and Economics (BUSI) Career: Undergraduate
Plan Type: MAJ Plan: Accounting BS (ACTGBS)

Student Contact List

Report Run Time: 9/6/2017 7:44:11 AM
Number of rows returned: 151
Term: Fall 2017
College: School of Business & Economics (SBE)
Department: BUSI
Career: UGRD
Plan Type: MAJ
Plan: ACTGBS

FERPA Hold	Student ID	Student	Last Name	First Name	College	Department	Career	Academic Lvl	Majors	Subplans	Minors	Clusters	Email	Admit Type	Start Term (Prog)	Term Status	Term Reg Cred	Expected Grad Term	Ap G
------------	------------	---------	-----------	------------	---------	------------	--------	--------------	--------	----------	--------	----------	-------	------------	-------------------	-------------	---------------	--------------------	------

To save the report-use this button

Report meta-data is here

The report looks like this → there will be 151 rows of data below the headers shown above

Don't forget to treat the data as if it is a strategic asset! 😊

Time to Do your Homework!

- See if you can answer the business questions
 - 10 question handout
- If you get stuck raise your hand....someone will come to help
- We will discuss the answers in a few minutes

Need help?

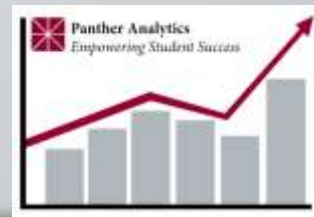
Want something new?

- Use the service desk!
 - Service Desk email is: servicedesk@chapman.edu
 - Service Desk phone is: x6600 or 714-997-6600
- Use Panther Analytics help directly
 - Email: pantheranalytics@chapman.edu
 - Phone: 714-516-5506
- Remember: We are all learning as we go!
 - We will do our best to address your queries as fast as possible-you should at least get an acknowledgement within 24 hours during the week

Panther Analytics Training

Part 2 Summary

- We all know how to login, navigate and find the different reports in Panther Analytics
- We practiced and discussed the results found from using Panther Analytics to answer business questions
- We discussed opportunities and issues with Panther Analytics
- We are aware of value of our data and the security issues
- We will abide by good data handling policies



Feedback/Comments?



Congratulations!

