



Driving Student Success through Information Discovery

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VALDOSTA STATE UNIVERSITY

SAIR 2013



Technology and Innovation

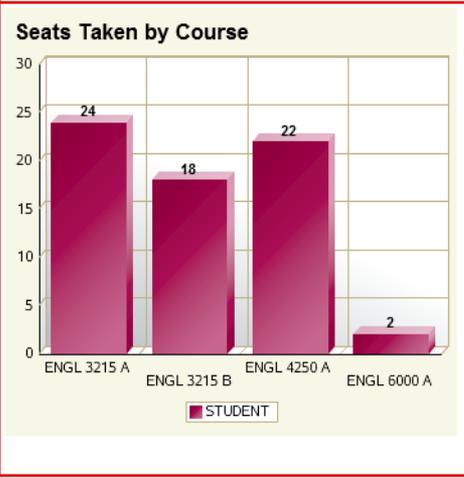
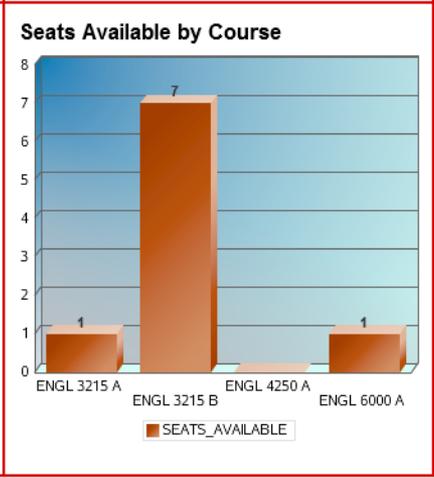
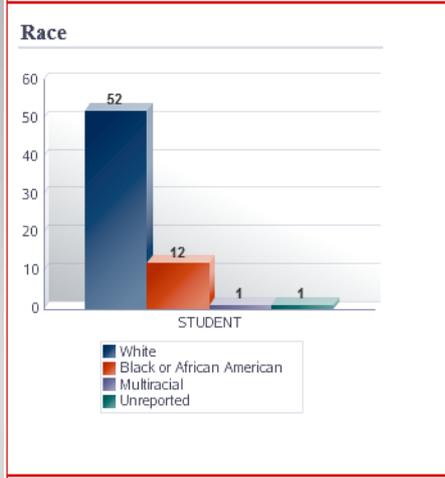
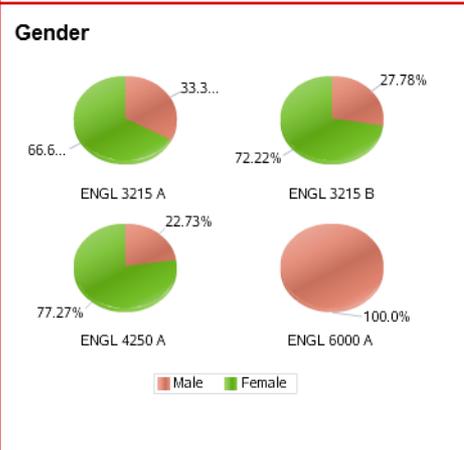
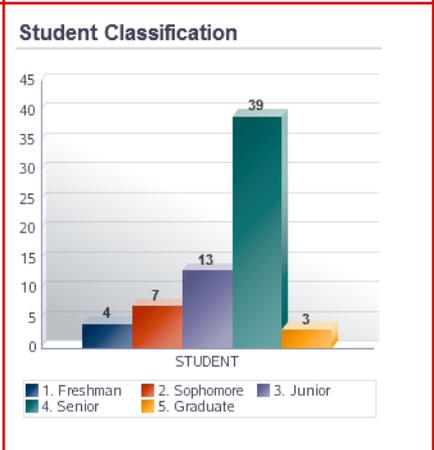
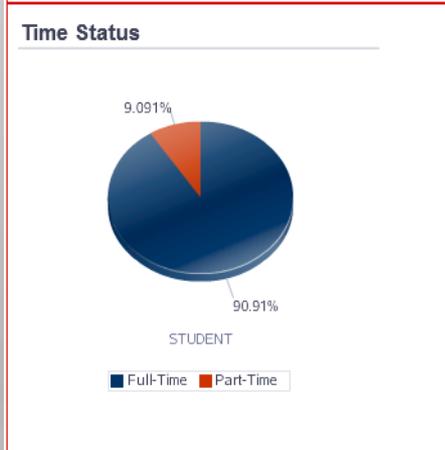
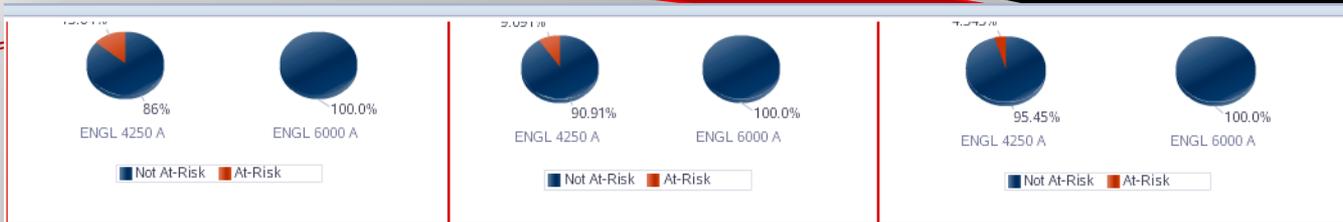
1. Technology and Innovation
2. Business Intelligence in Higher Education
3. A Changing World
4. Turning Hindsight into Foresight
5. Proactive Engagement
6. Freshman Learning Communities
7. Actionable Alerts
8. Demo



Data and Information

1. How long does it take on average to get a new report created? (hours, days, weeks, months)
2. How are you using data to make decisions and provide support where needed?
3. Must you find information or does information find you?

06-MAY-2004	03:12 PM	
REPORT: GURADDR		Address Report
ID	Name	Address
Q62100933	Clifford, Stephanie	22 EAST MAPLE ROAD DETROIT, MI 82134
Q81337923	Serum, Tracy	6658 NORTH 69TH STREET HOUSTON, TX 02344
PAGE: 2		BANNER University
06-MAY-2004	03:12 PM	
REPORT: GURADDR		Address Report
ID	Name	Address
*****REPORT CONTROL INFORMATION*****		
Report Name: GURADDR		
Term Code: 200210		



COURSE	FIRST NAME	MIDDLE NAME	LAST NAME	MAJOR	FTFT COHORT TERM	TRANSFER TERM
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ORACLE Business Intelligence

Untitled

Criteria Results Prompts Advanced

Subject Areas

- PELL_RECEIVED
- PIDM
- RACE
- SAT_MATH
- SAT_VERBAL
- SPORT
- SPORT_CODE
- STUDENT_CLASS
- STUDENT_CLASS_CODE
- STUDENT_ID
- STUDENT_LEVEL
- STUDENT_LEVEL_CODE
- STUDENT_TYPE
- STUDENT_TYPE_CODE
- TERM
- TERM_DESC
- TRANSFER
- TRANSFER_STUDENT
- TRANSFER_TERM
- TRANSFER_TERM_GPA
- US_VETERAN
- ACADEMIC_YEAR
- ACT_ENGLISH
- ACT_MATH
- ACT_READING
- ADVISOR_EMAIL
- ADVISOR_FNAME
- ADVISOR_LNAME
- ADVISOR_MNAME
- CAMPUS_ECORE
- CAMPUS_EMAJOR
- CAMPUS_GOML
- CAMPUS_KINGSBAY
- CAMPUS_MAIN
- CAMPUS_MILITARY

Selected Columns

Double click on column names in the Subject Areas pane to add them to the analysis. Once added, drag

STUDENT_TERM_DETAILS

- TERM_DESC
- COLLEGE
- DEPARTMENT
- MAJOR
- STUDENT_ID

Filters

Add filters to the analysis criteria by clicking on Filter option for the specific column in the Selected Column

Catalog

List All

- My Folders
- Shared Folders

Oracle (OBIEE) Business Intelligence



Untitled

Criteria Results Prompts Advanced

Subject Areas

- ATHLETE
- ATTEMPTED_HRS
- CITIZEN
- COLLEGE
- DEPARTMENT
- EARNED_HRS
- EARNED_HRS_SATISFAC
- EMAIL_OTHER
- EMAIL_VSU
- ETHNICITY
- FIRST_GENERATION
- FLC
- FNAME
- FTE
- FTFT_FRESHMAN
- FTFT_TERM
- FULL_CUMULATIVE_GPA
- FULL_TIME
- GENDER
- HOPE_RECEIVED
- HOUSING
- HS_CODE
- HS_DEGREE_TYPE
- HS_DEGREE_YEAR
- HS_GPA
- INSTITUTIONAL_TERM_C
- LNAME
- MAJOR
- MNAME

Catalog

List All

My Folders

Shared Folders

Compound Layout

Title

Graph

STUDENT_ID

DEPARTMENT	STUDENT_ID
Dept of Accounting/Finance	415
Dept of Management	360
Dept of Marketing/Economics	235
Undeclared Department	295

Pivot Table

TERM_DESC	COLLEGE	DEPARTMENT	MAJOR	
Fall 2012	College of Business Admin	Dept of Accounting/Finance	Accounting	176
			BA-Accounting	142
			BA-Finance	48
			Finance	49
		Dept of Management	BA-International Business	62
			BA-Management	174
			International Business	23
			Management	105
		Dept of Marketing/Economics	BA-Economics	26
			BA-Marketing	128
			Economics	16
			Marketing	65
Undeclared Department	Business Administration	248		
	Master Business Administration	52		

Oracle (OBIEE) Business Intelligence



- SWIS Home
- Student Record
- Agencies
- Contacts
- Summary List of Students
- List of Current Students
- Detailed List of Current and Prior Students
- Missing Students
- Title IV-E Funding Report
- Completed Practicum Placements Report
- Advising

Student Information Updated. ✕

Query Student

Enter a Student ID Number and Press Enter to Query. Erase the block and type a new Student ID Number and Press Enter to select a different student.

Enter Student ID (press Enter to Query)

Selected Student: Haugabrook, Brian Antonio

Advisors

Advisor Name: Advisor Type:

Special Flags

Flag	Flag Set On	Flag Set By	Flag Lifts On
Test Flag	17-SEP-2012	Haugabrook, Brian Antonio	-

1 - 1

Department Forms

Form Name	Received On	Received By	View	Received	Reset Status	Delete Request	PDF
Student Contact Information	25-JUL-2011	Haugabrook, Brian Antonio	Download	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upload/Replace
Statement of Understanding	25-JUL-2011	Haugabrook, Brian Antonio		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upload/Replace
Official Program of Study	25-JUL-2011	Haugabrook, Brian Antonio		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upload/Replace
Graduation Application	25-JUL-2011	Haugabrook, Brian Antonio		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Upload/Replace
Learning Plan 7612	* FORM NOT TURNED IN *	-		<input type="checkbox"/>	-	<input type="checkbox"/>	Upload/Replace
Foundation Practicum Application	* FORM NOT TURNED IN *	-		<input type="checkbox"/>	-	<input type="checkbox"/>	Upload/Replace
Concentration Practicum Application	* FORM NOT TURNED IN *	-		<input type="checkbox"/>	-	<input type="checkbox"/>	Upload/Replace
Foundation Liability Insurance	* FORM NOT TURNED IN *	-		<input type="checkbox"/>	-	<input type="checkbox"/>	Upload/Replace
Concentration Liability Insurance	* FORM NOT TURNED IN *	-		<input type="checkbox"/>	-	<input type="checkbox"/>	Upload/Replace

Student Information

Track	Full Time Program
Program Level	
Academic Status	Good Standing
Graduation Term	Not a SW Graduate
VSU Email Address	bahaugab@valdosta.edu
Other Email Addresses	-
Needs Follow Up	No



Special Documentation

No Special Requirements Found.

IV-E Funding



Academic Affairs Faculty Portal

Main

Advisor

Courses

At-Risk

Data Warehouse Tools

Applications/Portals

Contact Brian Haugabrook, Director of Data Warehouse, for any questions. Email: bahauqab@valdosta.edu. Phone: (229) 333-7447
You can also email the VSU Data Warehouse department (VSUDataWarehouse@valdosta.edu) for requests, issues, or suggestions.

Digital Measures (College of Education)



[Login to Digital Measures](#)

Note: The Digital Measures link will expire 09/17/2012 at 09:32 AM.
If this link expires, Refresh the page to get the current link.

Watch a short video on using Digital Measures [here](#).

DegreeWorks



[Login to DegreeWorks](#)

DegreeWorks is an advising tool to aid in advising with electronic checklists, what-if scenarios, GPA calculators, advising planner, and notes.

For more information and tutorials click [here](#).

FLC Portal



[Login to the FLC Portal](#)

Freshmen Learning Communities advising and faculty portal. Access to course and student information that are part of an FLC community.

For more information click [here](#).

First-Time Full-Time Freshman Portal



[Login to the FTFT Portal](#)

Provides information on all enrolled students part of a FTFT cohort. Highlights students marked at-risk in general, reading and math based courses. This includes new FTFT students and enrolled FTFT students from previous years.

Department Specific Applications



[COE Advising Scheduler](#)

[Nursing Advising Scheduler](#)

[OASIS Advising Scheduler](#)

[Student Success Center Scheduler](#)

[Social Work Information System \(SWIS\)](#)

Application Directory



What is Enrollment Management

- Recruitment
- Admissions
- Orientation
- Financial Aid and Payment (Bursary)
- Then what???
- Then **Enrollment Management** is equipping the campus (Faculty, Staff, and even Students) with the tools they need to support the students, and not let the students fall through the crack with making an attempt to help them.



Course Summary By User Role

Course

Select Term

Rows

1 - 200 of 2465

Term Desc	Crn	Subject	Crse Numb	Course Section	Course Title	Students Enrolled	Seats Available	Instructors Email
Fall 2012	00000	ACCT	2101	A	Principles of Accounting I	84	0	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2101	B	Principles of Accounting I	34	0	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2101	C	Principles of Accounting I	35	3	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2101	D	Principles of Accounting I	49	1	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2101	E	Principles of Accounting I	44	4	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2101	F	Principles of Accounting I	34	0	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2101	G	Principles of Accounting I	35	3	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2102	A	Principles of Accounting II	14	12	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2102	B	Principles of Accounting II	30	8	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2102	C	Principles of Accounting II	46	-1	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2102	D	Principles of Accounting II	43	2	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	2102	E	Principles of Accounting II	36	-2	bahauqab@valdosta.edu
Fall 2012	00000	ACCT	3100	A	Intro to Fraud Examination	32	6	bahauqab@valdosta.edu



Class Roster with Photos and Direct Link to DegreeWorks

[Back to Course List](#)

Course ACCT 2101 A - Principles of Accounting I

Rows 100

- At Risk General = "Yes"
- At Risk Reading = "Yes"
- At Risk Math = "Yes"

1 - 84 of 84

Student Photo	Last Name	First Name	Middle Name	Attendance/Course Progress	Email	At Risk General	At Risk Math	At Risk Reading	DegreeWorks
	Doe	J	Tanner	Attendance/Course Progress Flags	bahaugab@valdosta.edu	Yes	Yes	No	DegreeWorks
	Doe	J	Jahkeem	Attendance/Course Progress Flags	bahaugab@valdosta.edu	No	No	No	DegreeWorks
	Doe	J	Qamar	Attendance/Course Progress Flags	bahaugab@valdosta.edu	No	No	No	DegreeWorks



Custom Application Integrations

VALDOSTA STATE UNIVERSITY

Back to Self-Service
Print

Find

Name

Degree

Major

Level

Classification

Last Audit

Last Refresh

Worksheets

Planner

Notes

Petitions

Exceptions

GPA Calc

Admin

Format: [Class History](#)

History **Degreeworks Production Environment**

Student View	AB171111 as of 08/20/2012 at 11:49		
Student	Haugabrook, Brian Antonio	Level	Graduate-Semester
ID		Degree	Master of Public Admin
Classification	Graduate	College	College of Arts & Sciences
Catalog	Fall 2006	Major	Public Administration
Advisor	Argyl	Minor	
FIFT Freshman		Prior Degrees	

Aid History

	Degree Progress
Requirements	100%

Athletic Eligibility

- Current Holds Affecting Registration or Graduation
- You have no holds.

Athletic Eligibility History

- Master of Public Administration
 - Classified as a Regular Graduate Student
 - You meet the minimum GPA requirement
 - Degree Requirements
- Major in Public Administration-MPA

<input checked="" type="checkbox"/> Foundations Seminar in PA	PADM 7300	Foundation in MPA
<input checked="" type="checkbox"/> Quantitative Methods for PA	PADM 7060	Quantitative Mthds for PADM
<input checked="" type="checkbox"/> Policy Analysis	PADM 7090	Policy Analysis



Automatic Alerts, Triggers, and Events

- Sends notification to the student's advisor and academic success center
- If the student lives on campus, a wellness check is automatically triggered through the housing office
- If the student is in an FLC, all other instructors are notified

[Return To List](#)

Edit Student Attendance

Course ACCT 2101 - Principles of Accounting I

Edit Name Jane Doe

Edit Status

Comments

0 of 2000

[Update Attendance](#)

ATTENDANCE

Attendance in good standing

Edit Course Progress

Course ACCT 2101 - Principles of Accounting I

Edit Name Jane Doe

Course Status

Comments

0 of 2000

[Update Progress](#)

PROGRESS

Course progress in good standing



Student Progress in all Courses

Student

STUDENT_PHOTO	STUDENT_NAME	EMAIL_VSU	FULL_CUMULATIVE_GPA	ADVISOR_NAME	ADVISOR_EMAIL
	John Doe	bahauqab@valdosta.edu	-	Robert Smith	bahauqab@valdosta.edu

1 - 1

[Return To List](#)

Student Schedule

CRN	Course	Instructor Email	Attendance Status	Attendance Comments
80354	ENGL 1101 T - Composition I	jdoe@valdosta.edu	Level 2: Multiple Absences. At-Risk	Marlee has accrued three absences. We are in the process of setting up a meeting to discuss the matter.
80042	KSPE 1020 C - Weight Training	jdoe@valdosta.edu		
80643	VSU 1101 K - Keys to College Success	jdoe@valdosta.edu		
81056	PHIL 2010 B - Fundamentals of Philosophy	jdoe@valdosta.edu		
81213	HIST 2112 K - United States History Sn 1865	jdoe@valdosta.edu		



Course Withdrawal Alerts

- What happens if a student drops a course that is in his/her cohort?
- What actions should take place?

From: flc_coordinator@valdosta.edu [mailto:flc_coordinator@valdosta.edu]

Sent: Monday, September 17, 2012 8:13 AM

To: Brian A. Haugabrook

Subject: FLC NOTIFICATION Course Withdrawal (Gi)

Dear Brian Haugabrook,

J Doe ([@valdosta.edu](mailto:J.Doe@valdosta.edu)) has withdrawn from PERS 2160 C FLC course and currently lives on campus. You are encouraged to follow up with the student.

Login to the FLC Portal for more information. <https://apex.valdosta.edu/apex/f?p=FLC>



Enrollment Management and Retention, Progression and Graduation

- Importance of Good Data
- Timely Data
- New Freshmen Learning Curve
- Faculty (need I say more)
- Orientation
- Advising
- Other Risk Factors (Financial Aid, Social Issues, etc...)



At-Risk Factors

- A three part process that examined:
 - Quality of High School
 - High School Grade Point Average (HS GPA)
 - SAT Scores (ACT converted)

HS
Quality

HS
GPA

SAT Score



At-Risk Factors

- Examined potential DFW rates of students by at-risk factors.
 - HS Quality
 - HS GPA
 - English: SAT English (Average ACT English and ACT Reading)
 - Math: SAT Math (ACT Math)

HS Quality, HS GPA, SAT Total	English Based Courses				At-risk Indicator (60.0% or Below)	Math Based Courses				At-risk Indicator (60.0% or Below)
	Pass	DFW	Total	% Passed		Pass	DFW	Total	% Passed	
1, 1, 1	382	20	402	95.0%		193	12	205	94.1%	
1, 3, 2	355	90	445	79.8%		132	48	180	73.3%	
1, 4, 1	216	95	311	69.5%		60	79	139	43.2%	At-risk, Math
2, 1, 3	441	38	479	92.1%		104	23	127	81.9%	
2, 3, 2	495	125	620	79.8%		124	90	214	57.9%	At-risk, Math
3, 2, 4	398	109	507	78.5%		102	94	196	52.0%	At-risk, Math
3, 3, 1	132	69	201	65.7%		50	37	87	57.5%	At-risk, Math
3, 4, 3	230	167	397	57.9%	At-risk, English	52	96	148	35.1%	At-risk, Math
4, 1, 1	422	31	453	93.2%		242	33	275	88.0%	
4, 1, 4	266	32	298	89.3%		80	32	112	71.4%	
4, 4, 4	200	154	354	56.5%	At-risk, English	51	103	154	33.1%	At-risk, Math
9, 2, 3	169	34	203	83.3%		45	20	65	69.2%	



Fall 2013 Implementation

- Student Portal
 - Degree progress checklist
 - Targeted supplemental instruction materials displayed as ads
 - Student employment opportunities based on financial analytics
- Oracle Endeca Information Discovery
 - Combine quantitative and qualitative data
 - Incorporate social media and survey data
 - Enhance research and grant opportunities



What is Information Discovery?

Quickly explore all relevant data



- ✓ Relationships undefined or unknown
- ✓ No pre-defined model required
- ✓ Rapid, iterative change



- ✓ Search across data sources
- ✓ Navigation across all attributes (fields/columns)
- ✓ Enhanced Analytics

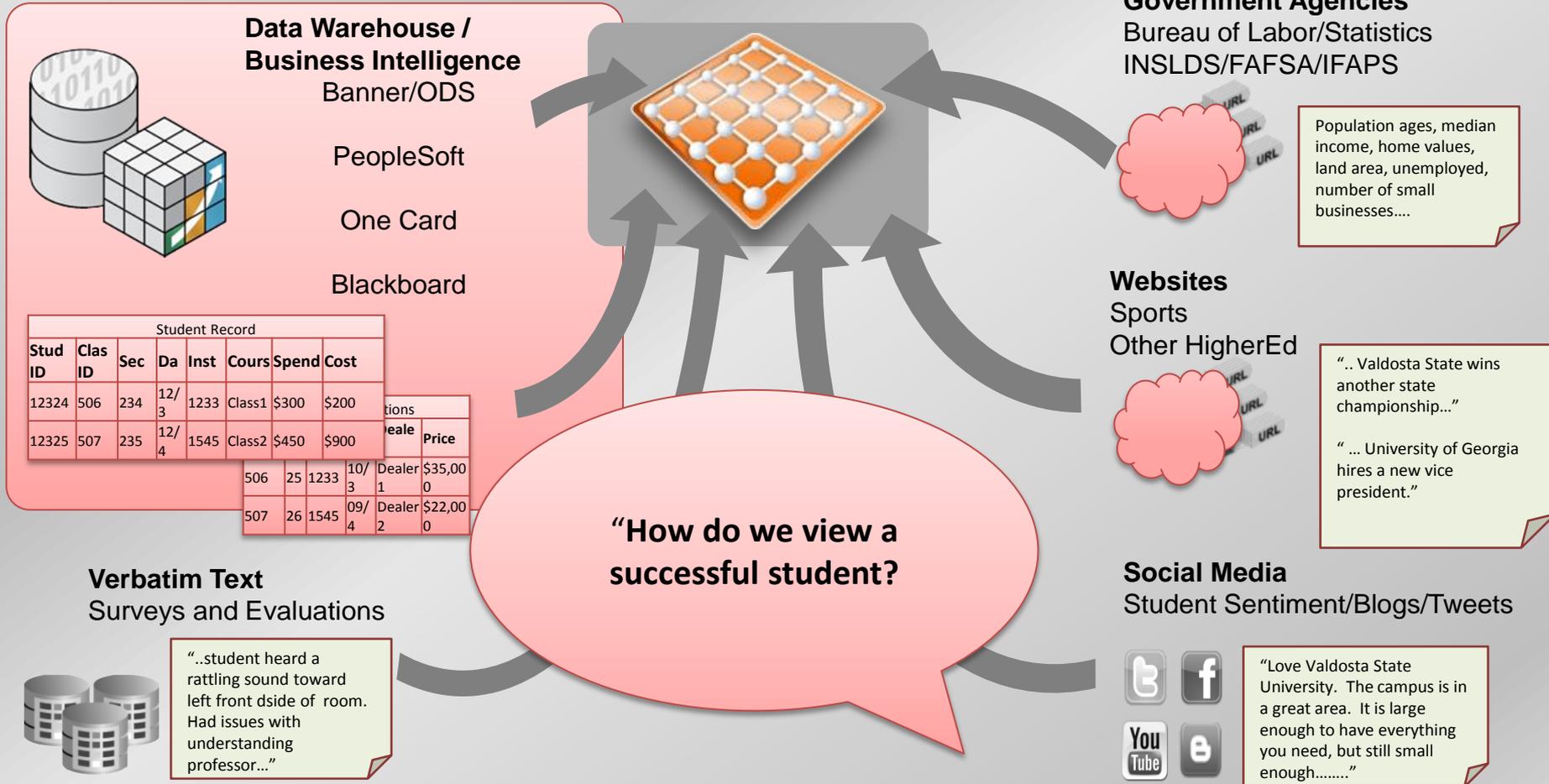


- ✓ Structured
- ✓ Semi-structured
- ✓ Unstructured
- ✓ Un-cleansed data is ok
- ✓ Beyond the data warehouse



Oracle Endeca Information Discovery

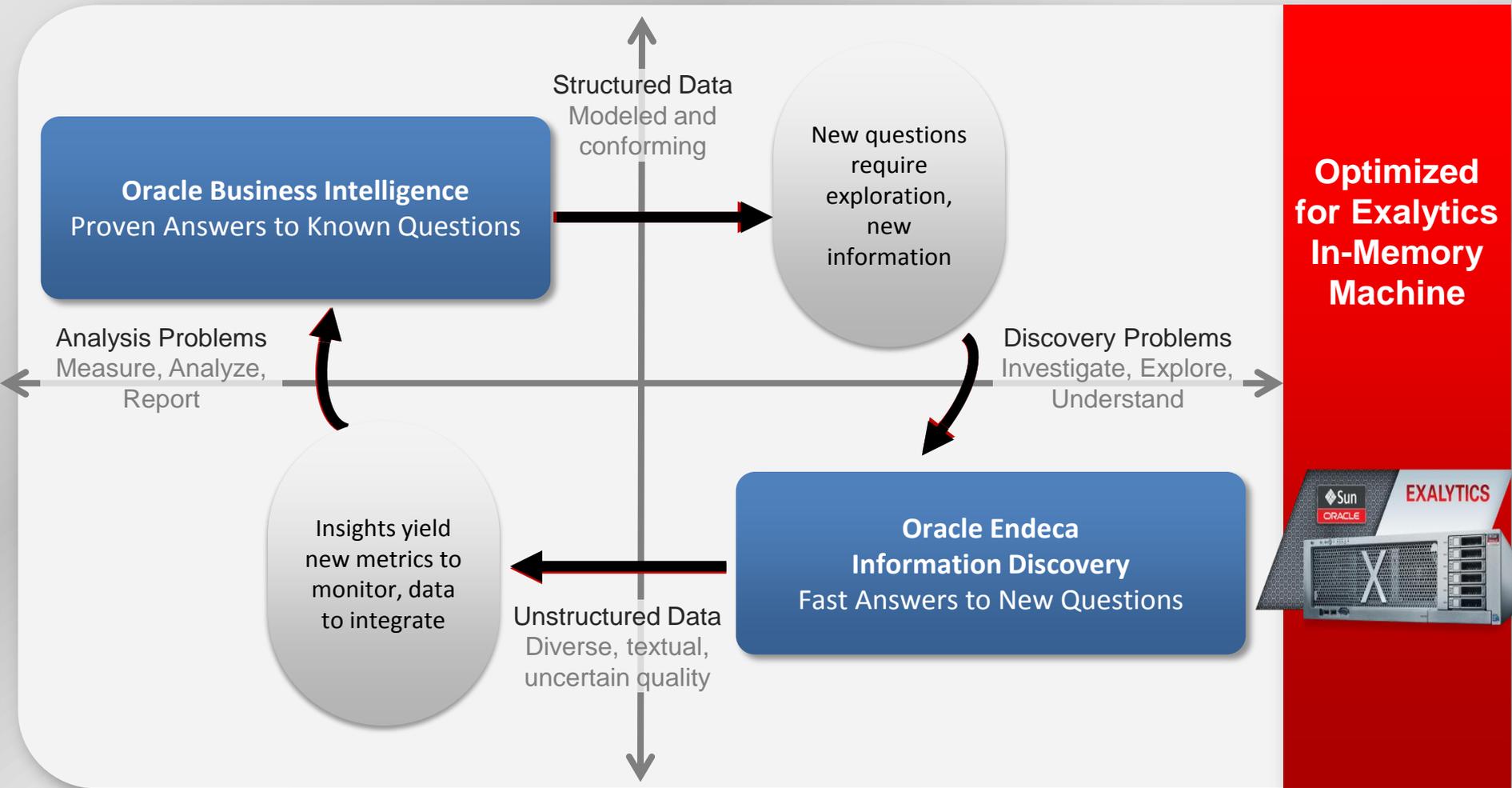
Understand the Complete Picture with Context from Any Source





Business Intelligence and Information Discovery

More Powerful Together



Search Box

Search Within

Breadcrumbs

No refinements have been selected.

Range Filters

Success Counts

Success Hours

- Guided Navigation
- Student
 - Student Courses
 - Student Demographics
 - Student Employers
 - Student Flags
 - Student GPA
 - Student MultiAssign
 - Success Center
 - Financial Aid
 - Labor Data
 - Purchases
 - Card Access
 - Indicators
 - Course Type

Bookmarks

Filter bookmarks...

My Bookmarks

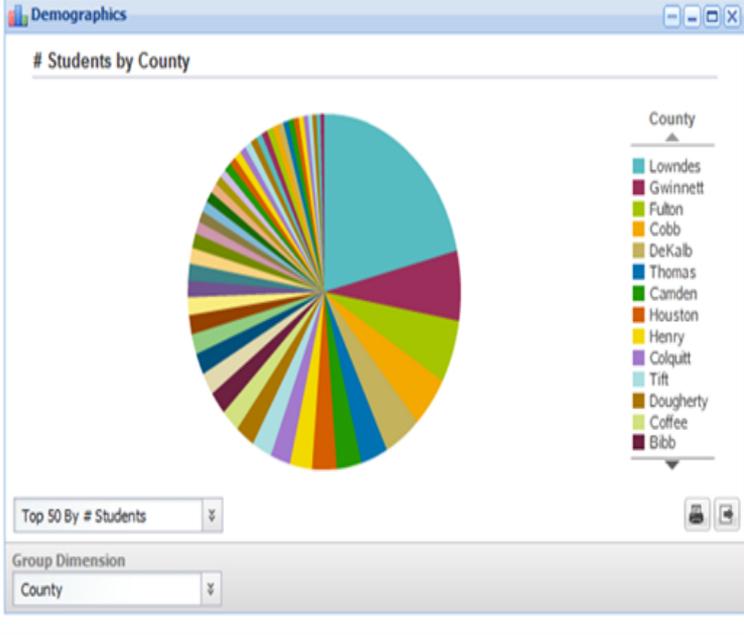
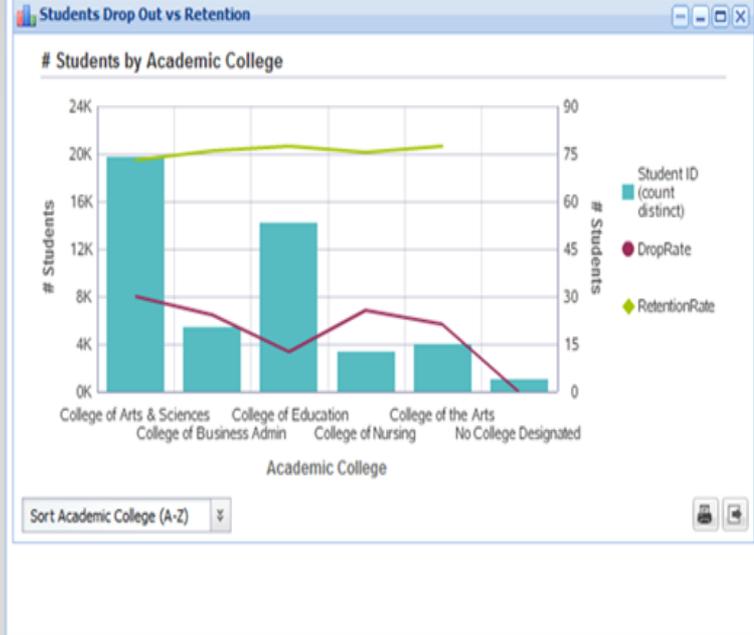
Name	Description	Date ...	Actions
No bookmarks matched your filter.			

Create New Bookmark

Student Metrics

At Risk Rate 17%	Drop Out Rate 24%	High School GPA 3.08	Cumulative GPA 2.96	Student Sentiment 21.73%
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Student Location



Detail Records

Column Sets: Student

D...	Student ID	Attempted Hours	Earned Hrs	Face To Face Courses	First Generation	FTE	Fully Online Courses	High School Grad Year	Live
<input type="checkbox"/>	000380A9A619DAC486F1...	6.000000	0.000000	0.000000	N	0.666667	2.000000		N
<input type="checkbox"/>	000380A9A619DAC486F1...	6.000000	0.000000	0.000000	Y	0.666667	2.000000		N
<input type="checkbox"/>	000380A9A619DAC486F1...	9.000000	0.000000	0.000000	N	1.000000	3.000000		N
<input type="checkbox"/>	0007F307E6A1B6DD2C39...	3.000000	3.000000	1.000000	N	0.250000	0.000000	2008	N
<input type="checkbox"/>	0007F307E6A1B6DD2C39...	4.000000	4.000000	1.000000	N	0.333333	0.000000	2008	N
<input type="checkbox"/>	000837BB026C2AC39A00...	14.000000	8.000000	6.000000	N	1.000000	0.000000	2012	N
<input type="checkbox"/>	000837BB026C2AC39A00...	18.000000	0.000000	6.000000	N	1.000000	0.000000	2012	N
<input type="checkbox"/>	000AB70F6964700971477...	9.000000	7.000000	4.000000	N	0.750000	0.000000	2000	N
<input type="checkbox"/>	000AB70F6964700971477...	5.000000	5.000000	2.000000	N	0.416667	0.000000	2000	N
<input type="checkbox"/>	000AB70F6964700971477...								

Page 1 of 19855 | Records per page | Displaying records 1 - 10 of 198550

Search Box

Search Within

Course Metrics

Sentiment 34%	Students 40,472	Number of Courses 2,446	Courses by Instructor 4
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Breadcrumbs

No refinements have been selected.

Range Filters

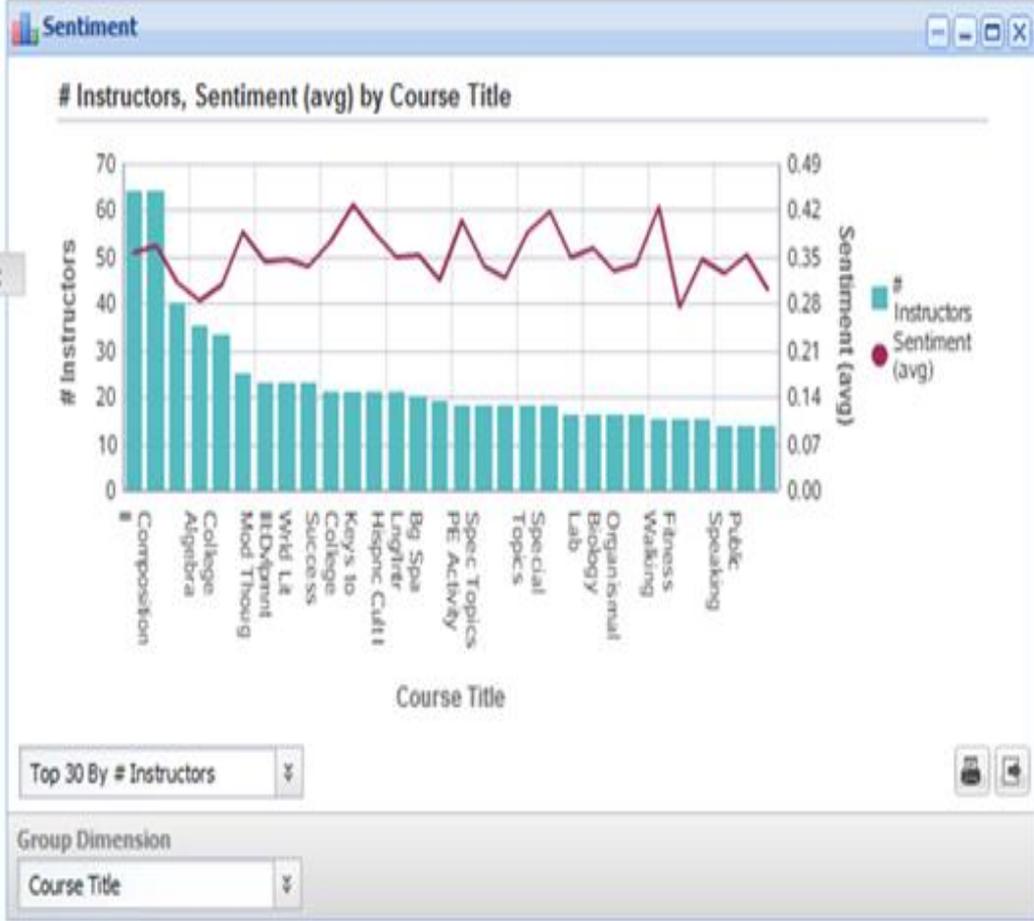
Success Hours

Sentiment

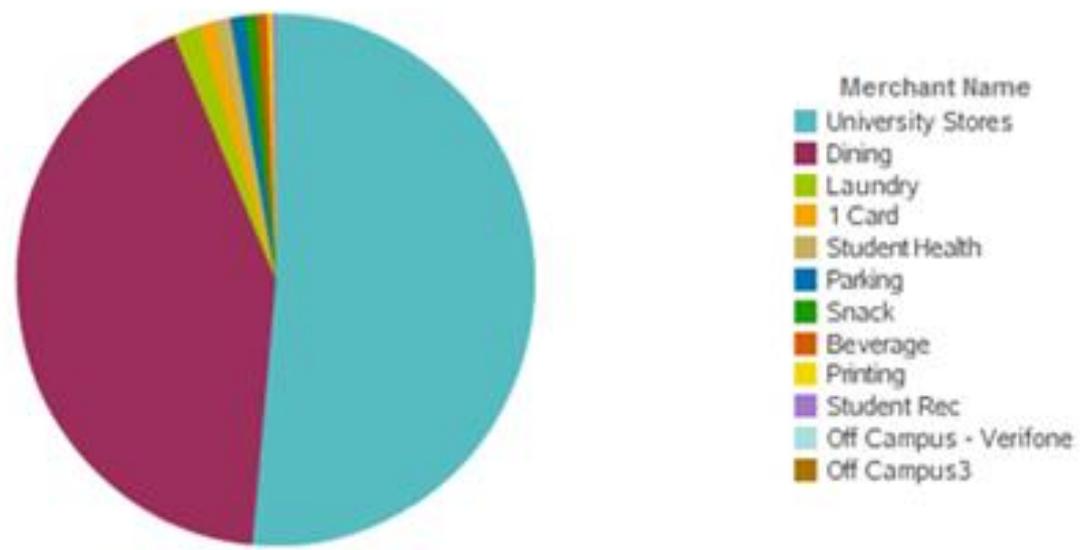
Between -

- Guided Navigation
- Student
 - Student Courses
 - Success Center
 - Student Demographics
 - Evaluation
 - Student Flags

Bookmarks



\$ Amount by Merchant Name

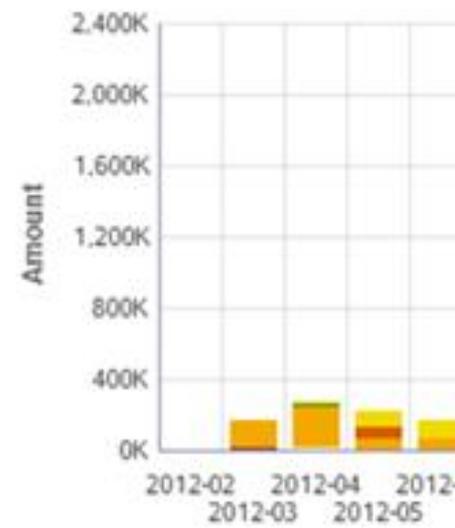


Top 50 By \$ Amount



Metric: \$ Amount
 Group Dimension: Merchant Name

Amount by Year Month



Sort Year Month (A-Z)

Metric: Amount
 Series: Merch

Detail Records

De...	Student ID	Enrolled Term	Amount	Merchant Name	Profitcenter Name	Purchase D
<input type="checkbox"/>	AD925CFD5B0381F16687...	Fall 2012	\$0.50	Laundry	Centennial Laundry	10/21/2012
<input type="checkbox"/>	E0EA650D442317088CD6...	Fall 2012	\$1.79	Dining	UC Food Court	10/22/2012
<input type="checkbox"/>	4313B02183752214E8571...	Spring 2013	\$4.59	Dining	Papa Johns	01/14/2013
<input type="checkbox"/>	BC214A7915E35B4B97D4...	Fall 2012	\$5.95	Dining	Chick Fil A	10/22/2012
<input type="checkbox"/>	6A078FA37A118FAFD070	Spring 2013	\$0.00	University Stores	Main/tech/ Store	01/11/2013