



Using your data

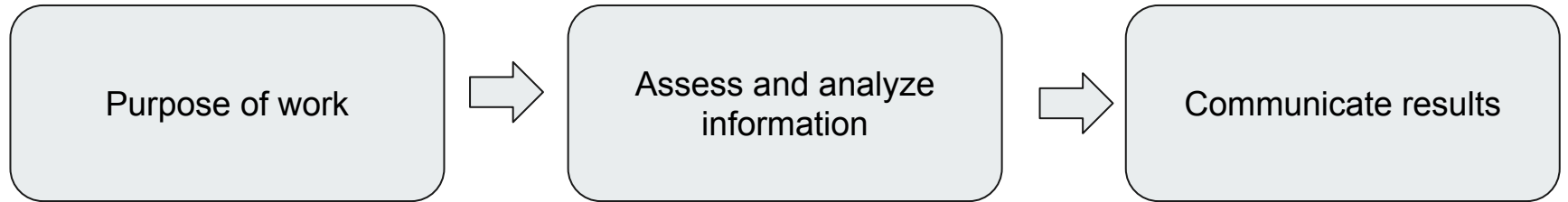
Learning outcomes

1. Participants will be able to identify basic considerations for data analysis, data sources, purposes, types, and analysis.
2. Participants will be able to find data needed for reporting.
3. Participants will be able to identify qualitative and quantitative data in given reports.
4. Participants will be able to identify result communication steps.





Basic considerations





Purpose

Why are you doing this?

1. What questions do you want answered?

How many of my students persist? Succeed?

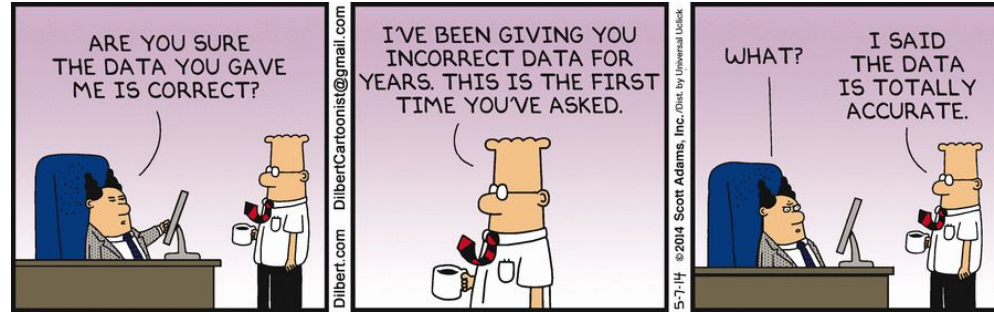
Are my students learning?

What should I do next?

How many students do I have? Latinx? White? Black? Promise? Gender?

Analysis

1. What are your data sources? And where does that info come from?
 - a. Banner, elumen, MIS, Student Success data, Institutional set standards
2. What is the purpose of the data?
 - a. Academic outcomes & learning outcomes



Types of analysis

1. Quantitative and Qualitative
 - a. Benefits and drawbacks of both
 - b. What is given to you?
 - c. How do you use these?
2. Statistical Analysis
 - a. Significance?
 - b. Correlation

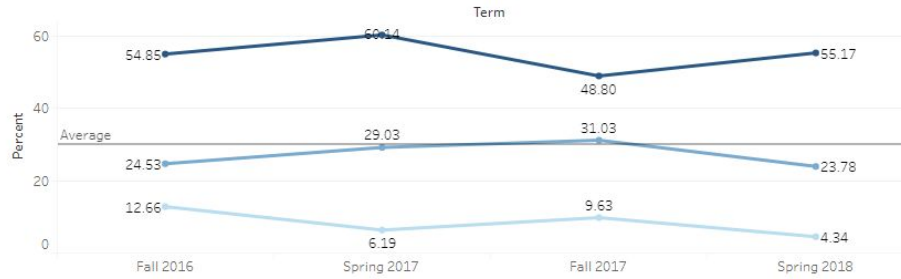




Quantitative

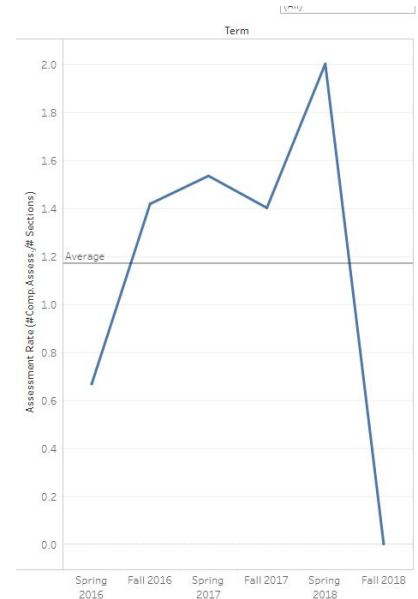
	2013-14	2014-15	2015-16	2016-17	2017-18	95% of 5 yr. avg.
Sections	40	45	48	50	46	44
Headcount	640	744	676	699	753	667
Enrollment	826	939	862	894	925	845
Retention % F2F	87.50%	90.60%	88.90%	95.10%	92.50%	86.37%
Retention % Online	81.00%	84.60%	83.30%	84.20%	88.40%	80.09%
Retention %	84.50%	87.20%	86.30%	89.90%	90.30%	83.26%
Success % F2F	78.10%	77.70%	73.10%	86.10%	79.60%	74.97%
Success % Online	67.00%	62.90%	63.30%	65.20%	69.50%	62.30%
Success %	73.00%	69.40%	68.60%	76.20%	74.20%	68.67%

SLO Performance by Term



Course #	SLO	Institutional Exceeds Standards - #	Exceeds Standards - Percent	Institutional Meets Standards - #	Meets Standards - Percent	Institutional Below Standards - #	Below Standards - Percent
CBIS101 - Computer Concepts & Apps	CBIS101 SLO1 - Recall/demonstrate appropriate processes to use in application programs.	124	55	52	24	23	11
	CBIS101 SLO2 - Recall/describe current effects and concerns due to the use of technology in business, such as social media.	116	51	55	24	21	10
	CBIS101 SLO3 - Use a variety of sources for reference materials (i.e. online help, vendors' websites, online disc..	145	59	42	18	29	12
	CBIS101 SLO4 - Use template or design/create/modify documents, spreadsheets, database or presentations for bus..	145	59	42	18	29	12
	CBIS101 SLO5 - Show ability to follow instructions.	145	59	42	18	29	12
	Total		675	57	233	21	131

Course Name	# of Co-impleme d Ass..	Sect..	Assess ment Rate ..	# of St udents Scored	ILOs Di rectly and L..	ILOs Directly and ..
Intro to Visual Basic Program	9.0	3.0	3.0	35.0	9.0	9.0
Microsoft Access-Comprehensive	12.0	4.0	3.0	61.0	9.0	9.0
Computer Fundamentals 1	8.0	3.0	2.7	41.0	9.0	9.0
Intro to Windows	2.0	1.0	2.0	14.0	1.0	2.0
Networking and Administration	6.0	3.0	2.0	40.0	6.0	9.0
Internet Business Applications	4.0	3.0	1.3	36.0	8.0	8.0
Computer Concepts & Apps	32.0	30.0	1.1	267.0	48.0	62.0
Intro to Excel	8.0	8.0	1.0	90.0	8.0	8.0
Microsoft Excel-Comprehensive	7.0	9.0	0.8	75.0	14.0	14.0
Info Systems Applications Lab	1.0	2.0	0.5	9.0	1.0	1.0
Info Systems Office Lab	1.0	2.0	0.5	7.0	1.0	1.0
Information Systems Lab	1.0	2.0	0.5	1.0	1.0	1.0
Presentation Design-PowerPoint	1.0	8.0	0.1	5.0	2.0	2.0
Building Business Web Sites	0.0	1.0	0.0	0.0	3.0	2.0
Intro to Access	0.0	3.0	0.0	0.0	0.0	0.0
Office Apps for the Mac	0.0	2.0	0.0	0.0	0.0	0.0



Qualitative

1. Course improvement plans
2. Faculty reflections
3. Dialogue and discussions
4. Department meetings
5. Informal or formal

How to annoy a qualitative researcher



Communicate results

1. Identify communication medium
2. Identify stakeholders
 - a. Administration
 - b. Faculty
 - c. Students
3. Identify what they need to know
4. Tell a story by making inferences (Quantitative)
5. Use reports to illustrate inferences (Qualitative)
6. Set goals based on inferences, alignment, and data

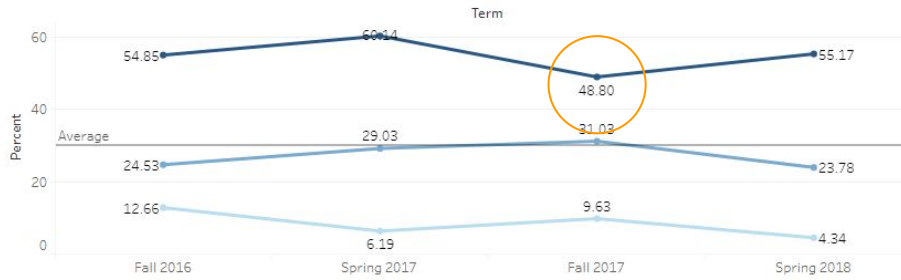




Quantitative

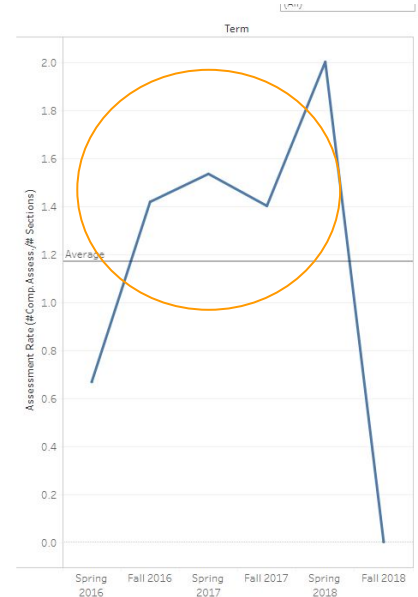
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Questions

