

Putting Analytics into Practice: Student Success and Data Communities

Chris Bunio

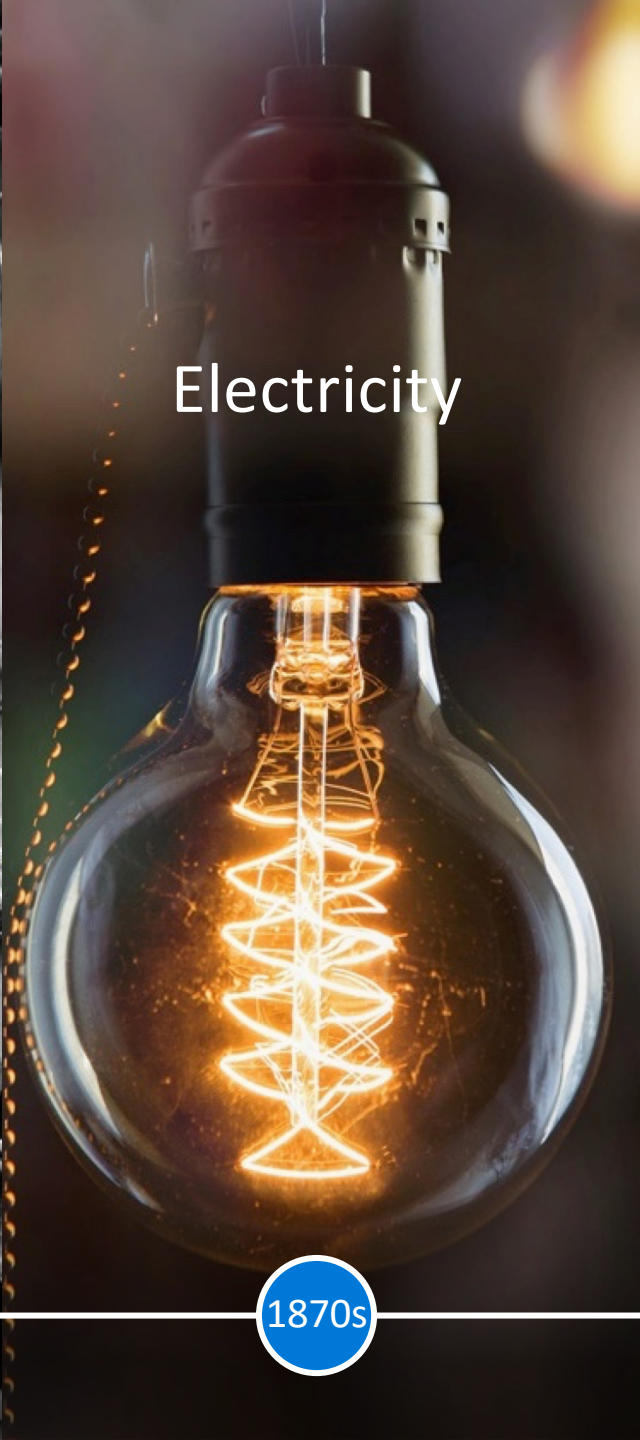
Senior Director, Higher Education
Microsoft





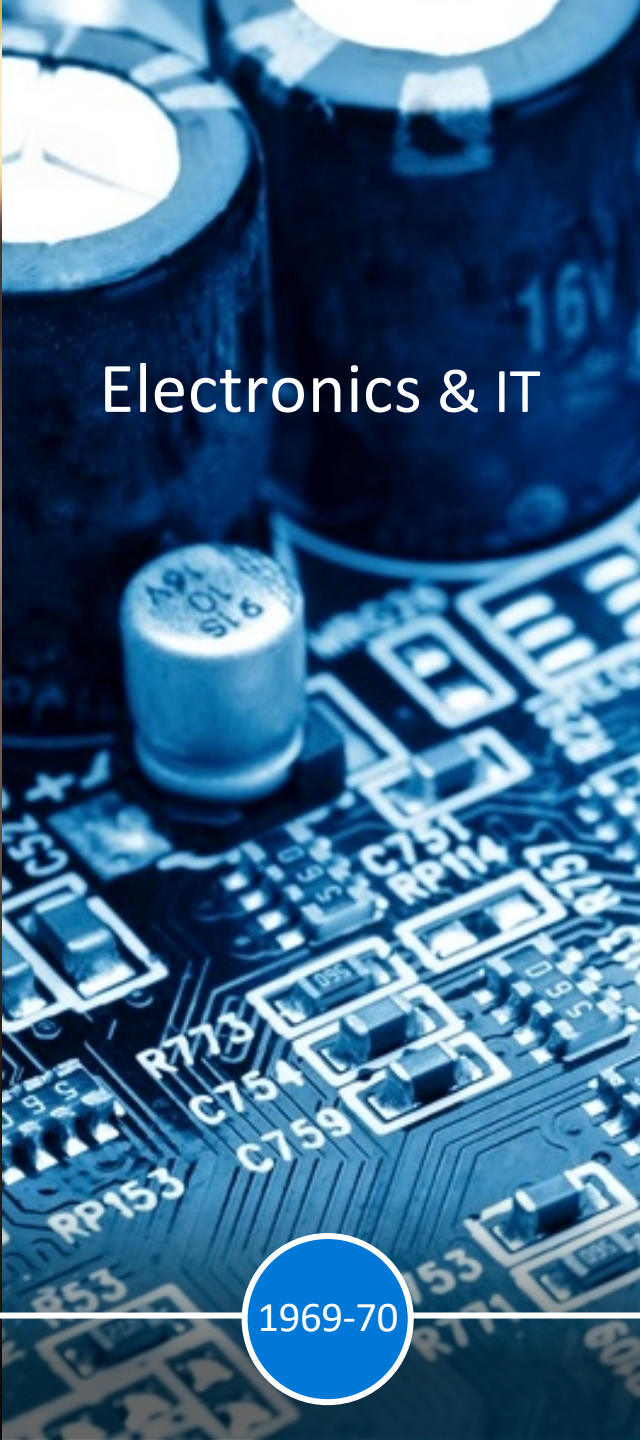
Steam

1780s



Electricity

1870s



Electronics & IT

1969-70

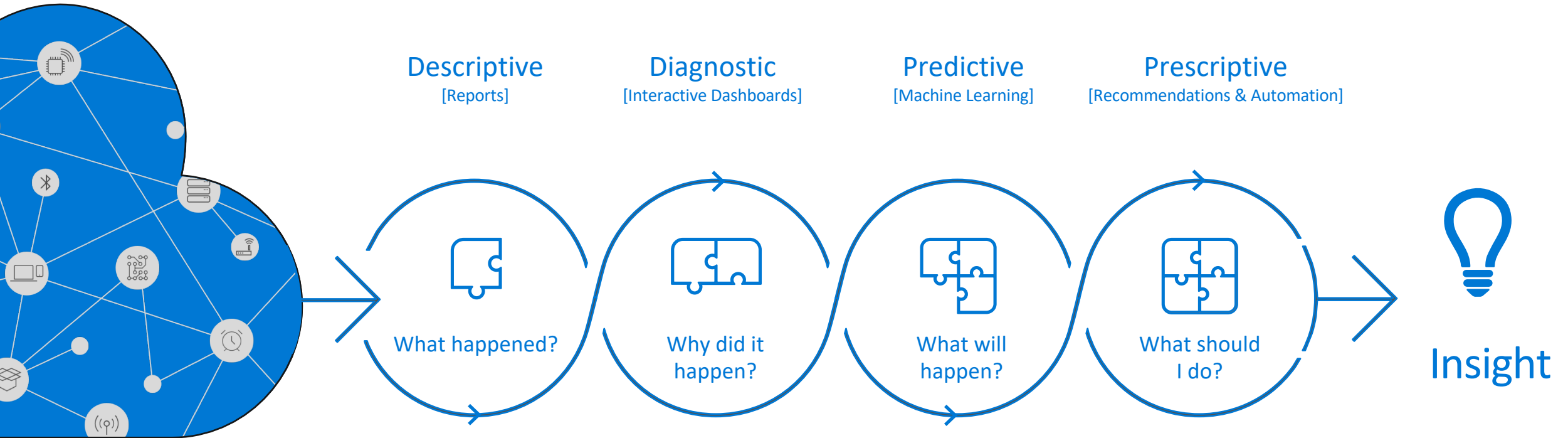


Digital

2015-16



From data to decisions and actions



Case Study

Utilizing Data to Improve Outcomes

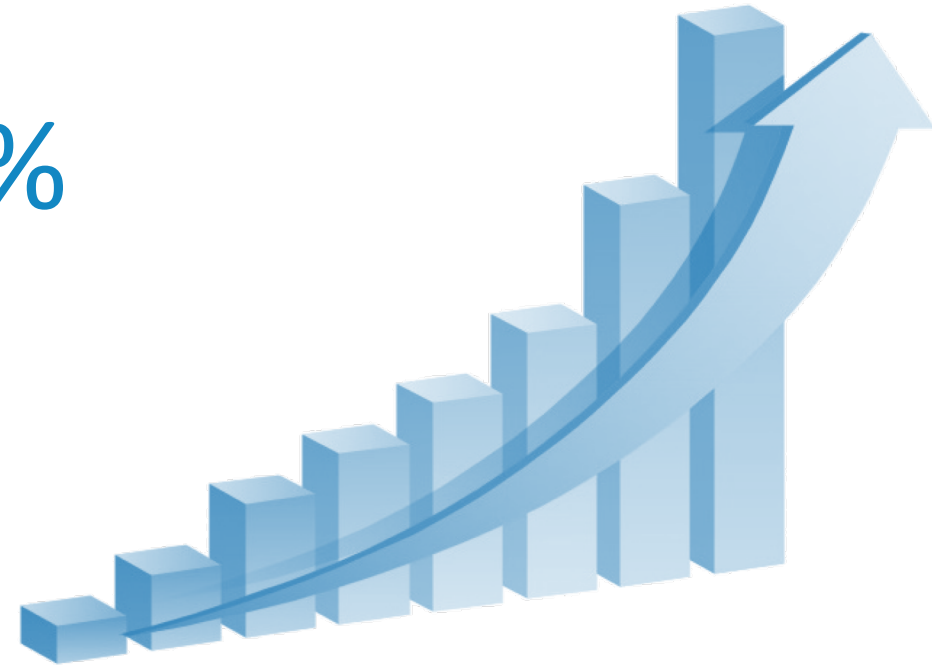
LLU School of Nursing



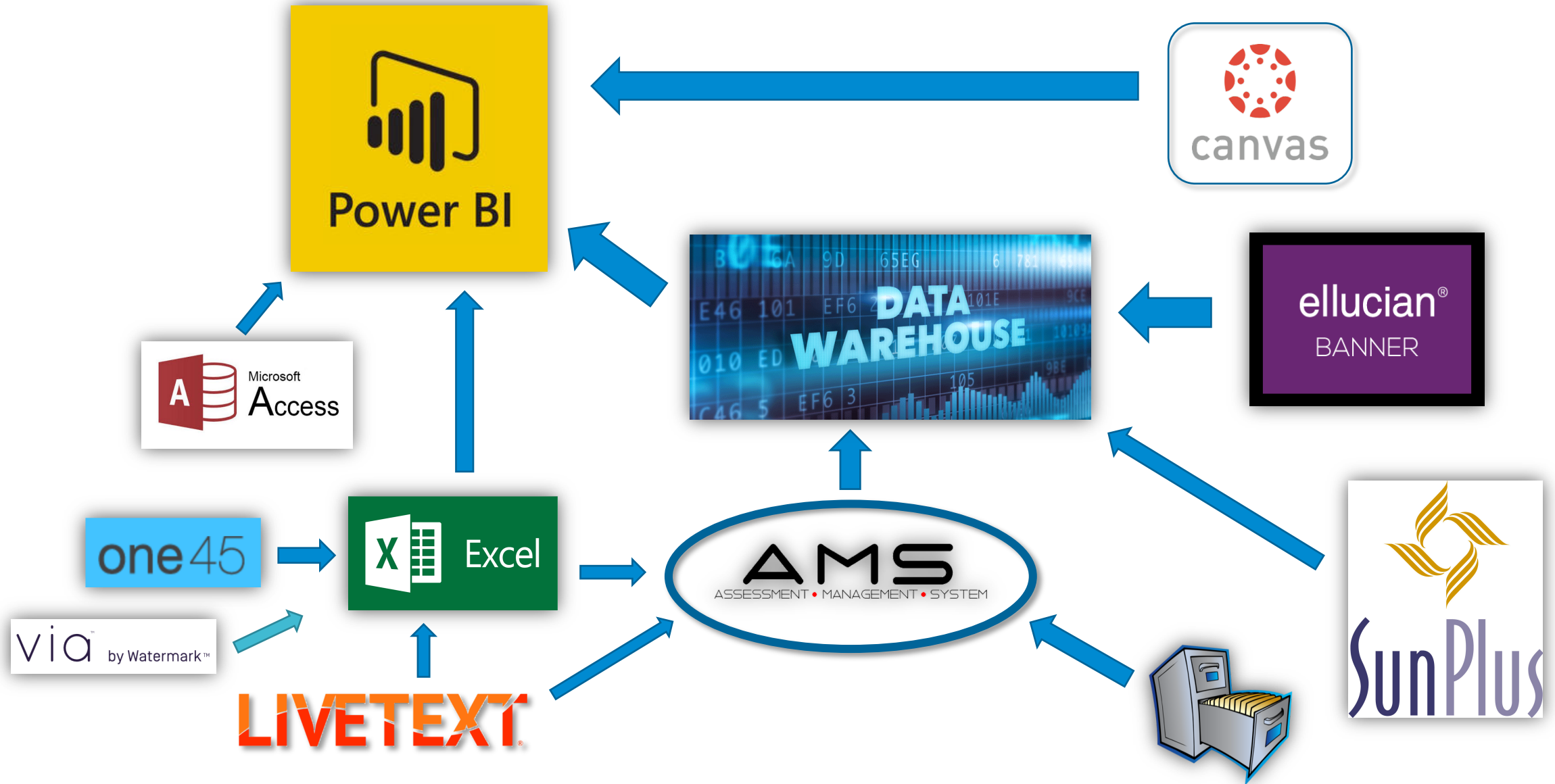
ALA VIII Project

RN to BS Program

- Increased retention from 46% to 97%
- Increased enrollment by 50%



Bringing Together Data on Campus



Program Review ILO/PILO Assessment

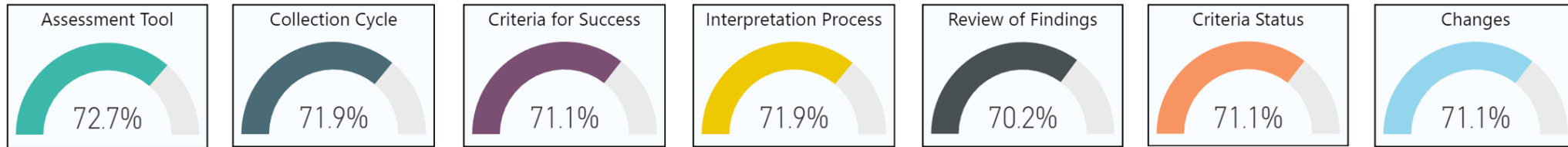
Programs

121

Programs Completed

85

Participation – Percent of Programs Filing - By Category



Academic Year 2017 - Filter Selections Below to Narrow Status Report

Select Assessment Year

2019 2018 **2017** 2016 2015 >

Select Criteria Met Status

Blank N Y

Select School

Select All A B C D E F G H

Select ILO/PILO

Critical Thinking

Information Literacy

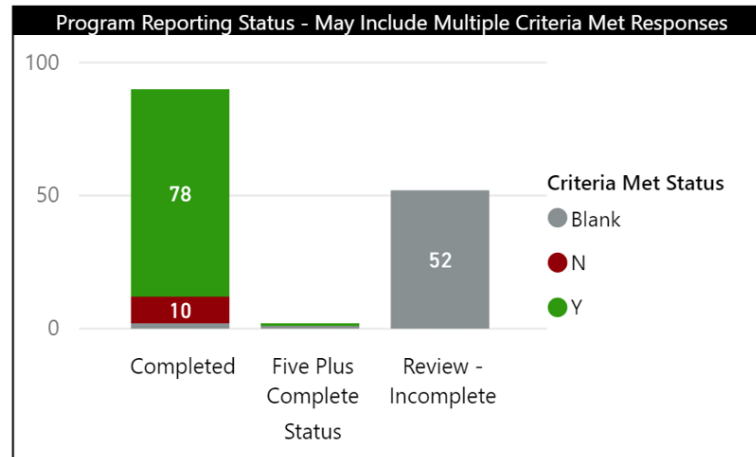
Oral Communication

Quantitative Reasoning

Written Communication

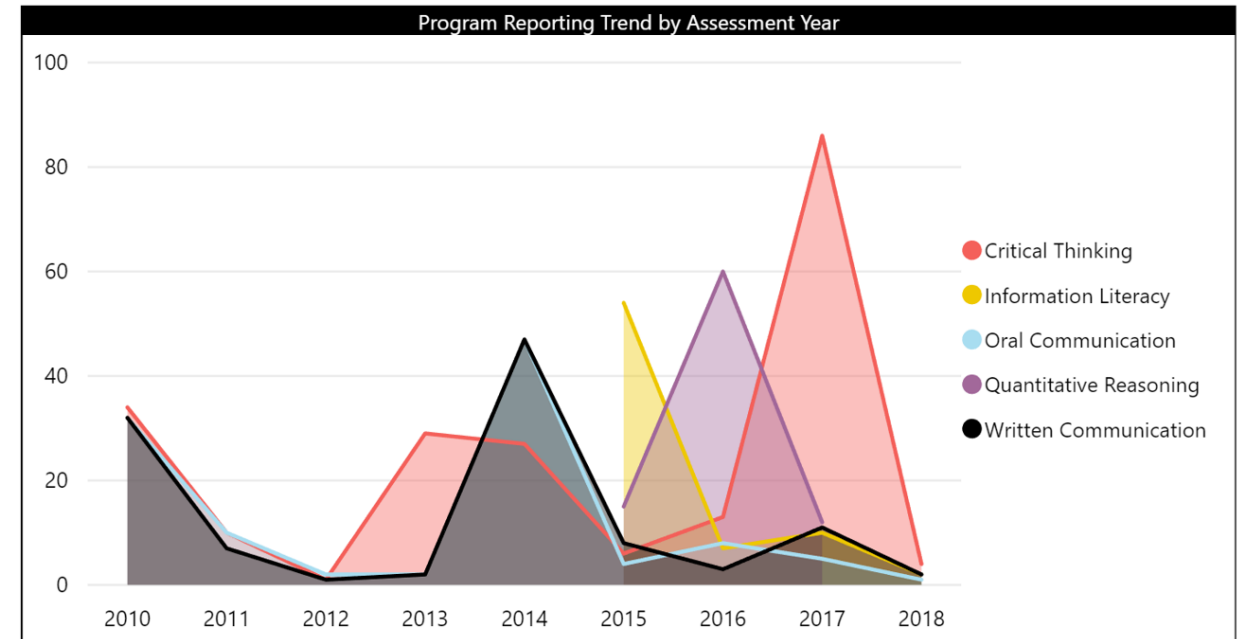
ILO Completion Rate

70.25%



ILO Focus and Assessment Schedule

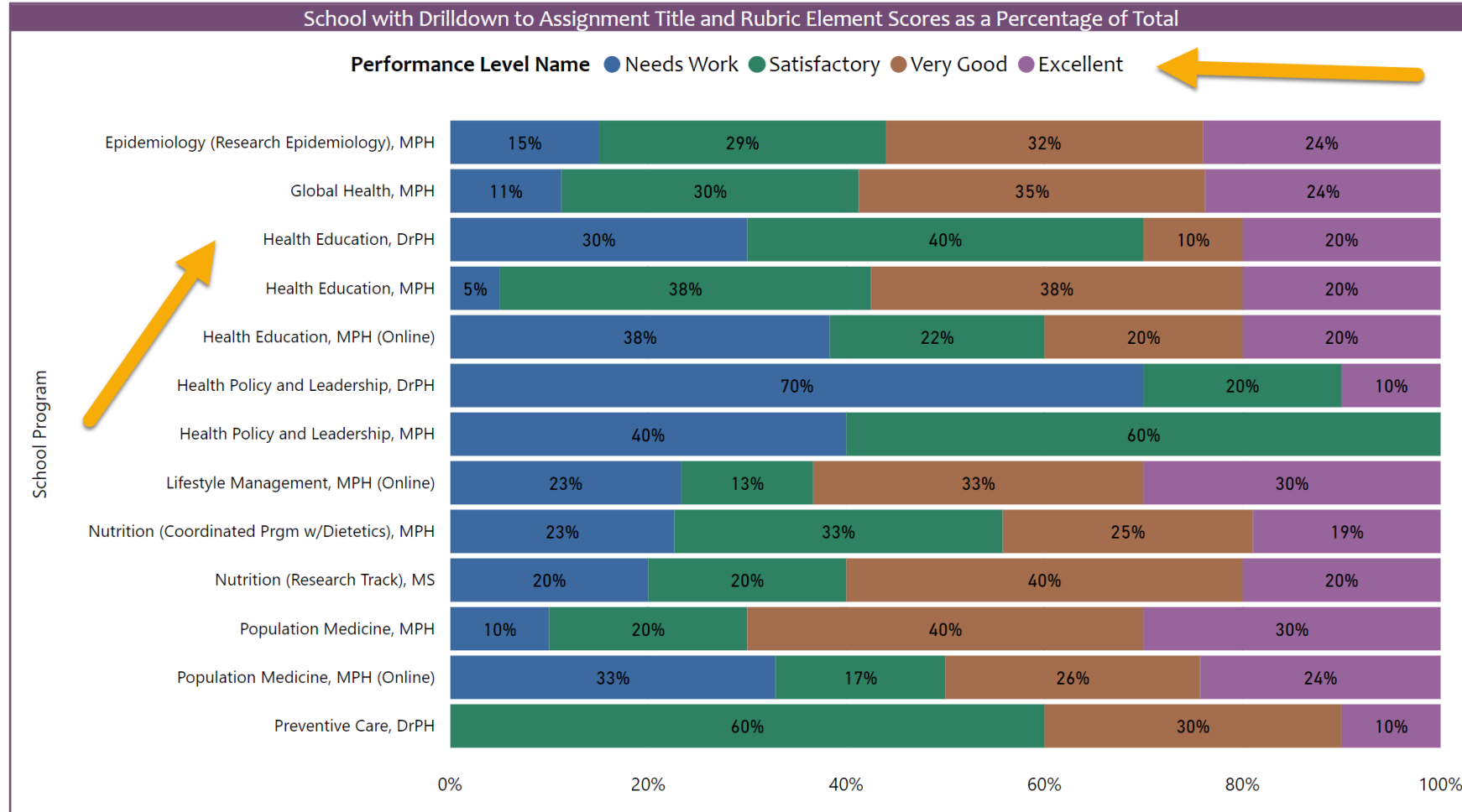
2015	2016	2017	2018
Information Literacy	Quantitative Reasoning	Critical Thinking	Oral & Written Communication
2019	2020	2021	2022
Information Literacy	Quantitative Reasoning	Critical Thinking	Oral & Written Communication



Students Assessed	Assignments	Courses
62	1	3

School - Term - Fall 201802 Assessment: PCOR IP1 - Retroactive Assessment Rubric: PCOR IP1 Rubric

Refreshed 10/4/18



Element Title	Role Name	Assessor Name
All	All	All

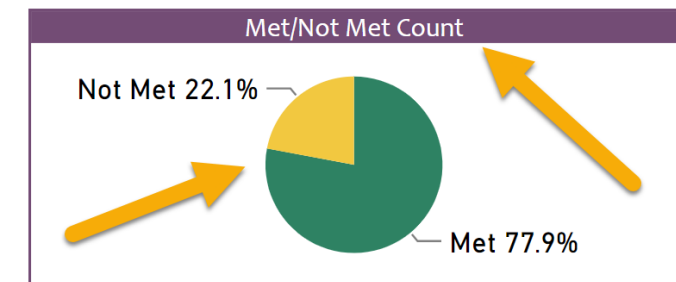
Term	Performance Level
All	All

School	Major
All	All

Rubric
PCOR IP1 Rubric


Assessment
All

User ID
Search



Bringing it All Together in a Dashboard

 **Alphabet University**
School of Letters
AMS Action Plans
Portal

 **Alphabet University**
School of Letters
Assessment Outcomes
Portal

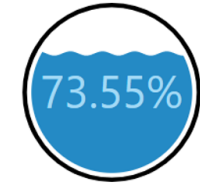
Programs Completed - ILO
REFRESHED: 12:06:46 AM

90

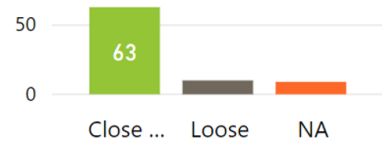
Action Plans In Progress
REFRESHED: 12:05:53 AM

239

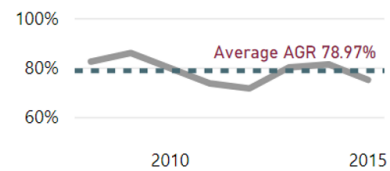
ILO Completion Rate



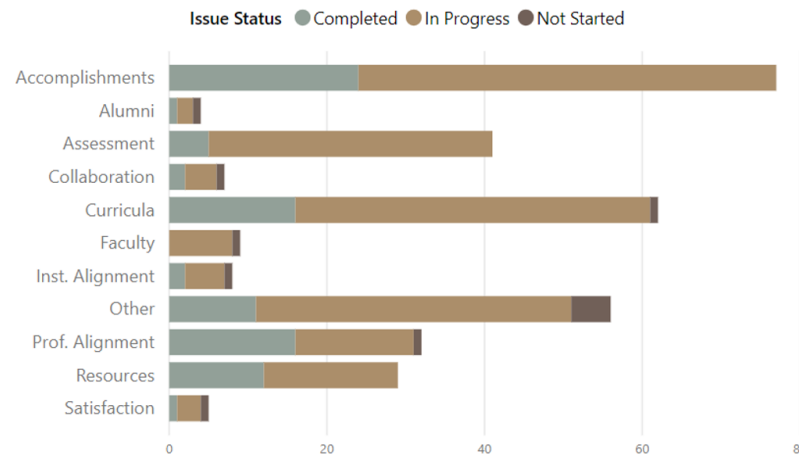
WSCUC CFR Alignment



WSCUC AGR Trend

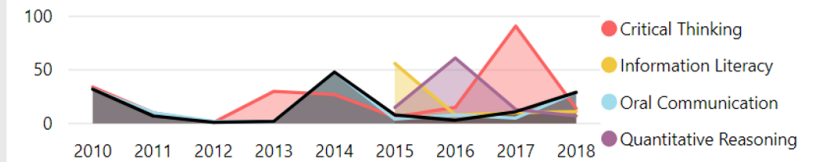


Issue Categories and Status



Program Reporting Trend by Assessment Year

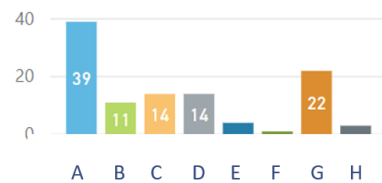
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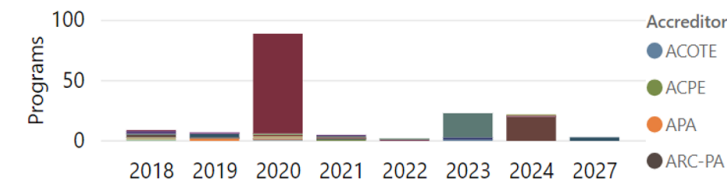
Assessment
Metrics
2014-2018

Field Experience
Management
Trends

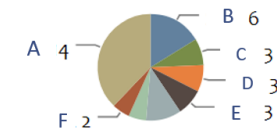
IEEI by School



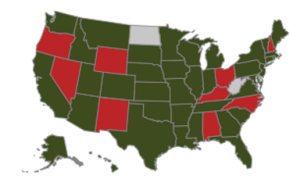
Reaffirmation Year by Accreditor with Drilldown to Program



Accreditor Count by School



Clinical Sites



Tracking Student Progress

Online at
gold.lluh.us



Innovative Competency-Based Medical Education

AUSoM CBME Student Progress

Select MS year below and deficiency count on right to narrow results

All

MS-1

MS-2

MS-3

MS-4

IC
11

MK
50

0

PC
0

PF
6

SB
2

WP
2

Deficiencies by Student and Domain - Select Student to Filter Visuals

Search

Xdn, Enaiuin	5	5	2	2
Cheninaga, Yiinlnarmu	5	3		
Auaocsj, Tnstiiu	5			
Chsst, Meaen	5			
Eckl, Doa	5			

Domain Abbr: PB = Practice-based Learning & Improvement PC = Patient Care
SB = Systems-based Practice MK = Medical Knowledge IC = Interpersonal & Communication Skills
PF = Professionalism WP = Whole Person Care

Search Competency Status

Search

Search Narrative

Search

Graduating Year

2018

2020

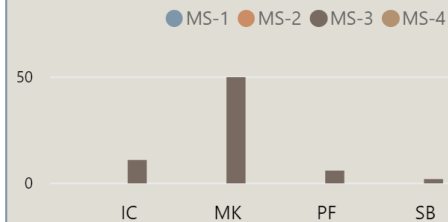
2022

2019

2021

Alphabet University - Office of Educational Effectiveness

Progress Deficiency Count by Class and Domain



Details - Right click on name and select drillthrough

Student Name
Aaokm, Tssiid
Aellk, Eexard
Aelsldwm, lw
Aen,Yln
Arjsana, Ohpoetj
Au, Enc
Auaocsj, Tnstiiu

MS-3 Student Narratives - Click on a Card to View Narrative



Aaokm, Tssiid 2018 MS-3
2018 from 2017

6/26/2017
CBME Summative Review:
Progress as Expected



Aellk, Eexard 2018 MS-3
2018

6/26/2017
CBME Summative Review:
Progress as Expected



Aelsldwm, lw 2018 MS-3
2018

6/26/2017
CBME Summative Review:
Progress as Expected



Aen,Yln 2018 MS-3 2018

6/26/2017
CBME Summative Review:
Progress as Expected



Arjsana, Ohpoetj 2018 MS-3
2018

6/26/2017
CBME Summative Review:
Progress as Expected

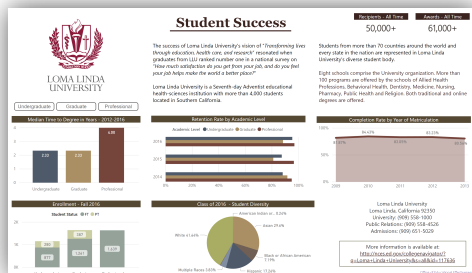
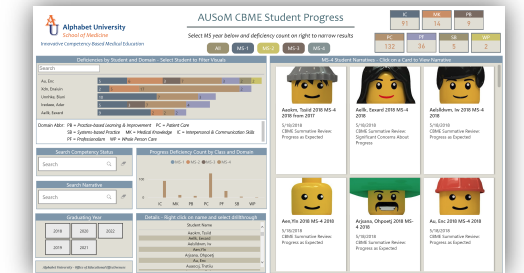
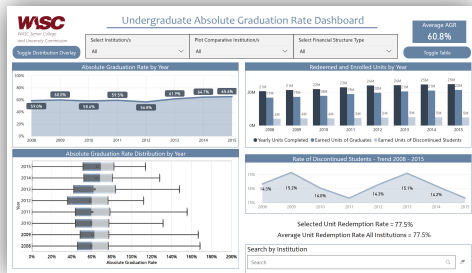
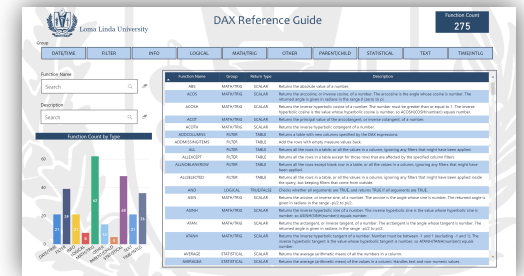
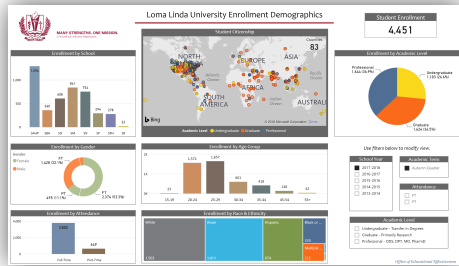


Au, Enc 2018 MS-3 2018

6/26/2017
CBME Summative Review:
Progress as Expected

Sample Reports

- <http://dax.lluh.us>
- <http://facts.lluh.us>
- <http://gold.lluh.us>
- <http://grd.lluh.us>
- <http://nih.lluh.us>
- <http://success.lluh.us>



Creating Data Communities



You're Invited to the Microsoft Higher Education Data Community!

The Microsoft Higher Education (MHE) Data Community is a private community for Higher Ed professionals who use Microsoft technologies to explore data and derive insights. Currently, more than 350 members and 200 different institutions are represented within the Community.

To join, **please register** for the MHE Data Community using this [form](#).

Members of the MHE Data Community meet to discuss how they're using Microsoft Data & AI technologies and services to positively impact outcomes in Higher Education. Microsoft US Education Specialists host weekly sessions to facilitate and showcase current topics submitted by Members.

Some of the Channels included within the Community include:

- Academic & Student Affairs
- Admissions & Financial Aids
- Advancements
- College Classroom
- Institutional Research & Effectiveness
- Finance & HR
- Research Admin
- Technical Resources



THANK YOU

