

Defeat the Disruption of Assessment at a Distance: Too Much Data, Not Enough Time

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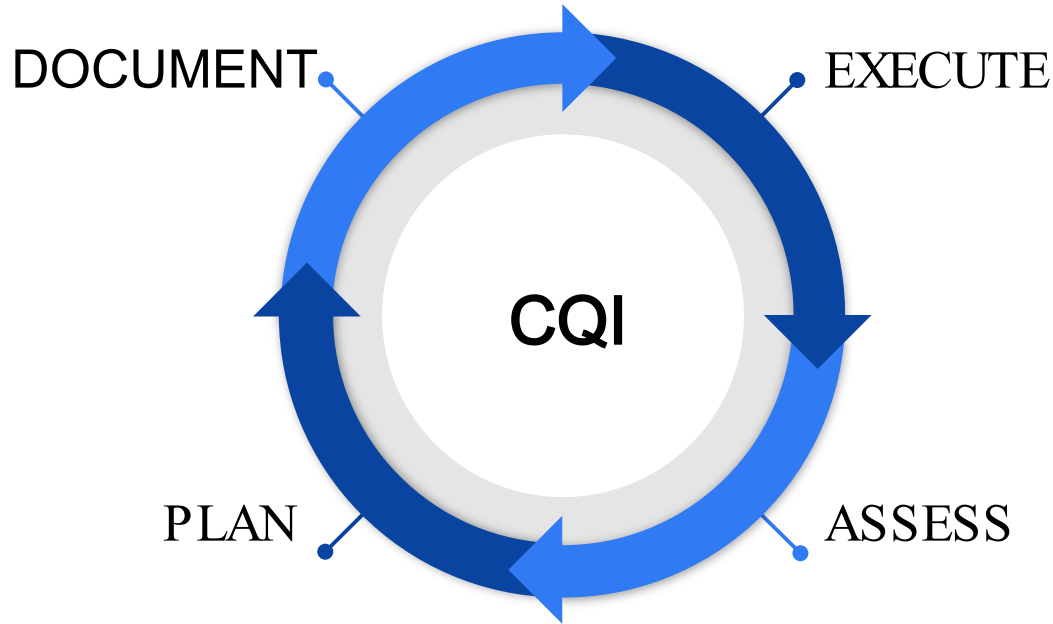
University of North Texas Health Science Center System

College of Pharmacy

Objectives

- Identify the difference between data, information, insight, and action as it relates to programmatic assessment.
- Name four key attributes of actionable insights that can enhance programmatic assessment.
- Explain four ways that visual dashboards, aligned to your strategic plan, can promote simple and effective programmatic assessment and student success.
- Compare the time savings of manual data assessment versus automated, consolidated, analyzed, and visually displayed data in real time.

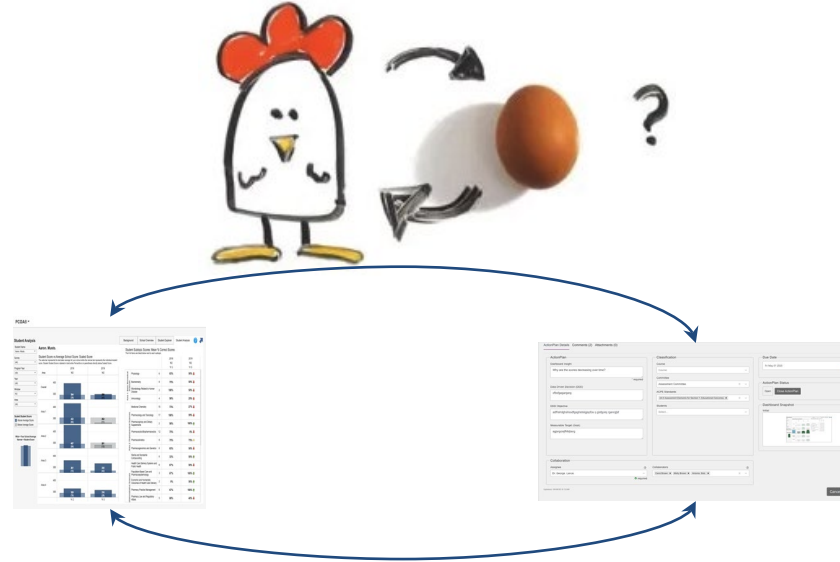
Continuous Quality Improvement (CQI)



Common Assessment Data Sources

Data Source	Amount of Data		Assumptions
AACP Surveys	12	spreadsheets	12 spreadsheets: School, Peer, and National Summary Reports for (1) Graduating, (2) Faculty, (3) Preceptor, and (4) Alumni
NAPLEX	3	PDFs	3 PDFs: A PDF report per each of the three testing windows
MPJE	3	PDFs	3 PDFs: A PDF report per each of the three testing windows
PCOA	1	PDF	1 PDF per class, some schools administer the exam in the P1, P2, and P3 years
ExamSoft	120	spreadsheets	3 Spreadsheet exports per course, 40 courses per year: Item Analysis, Exam Taker Results, and Category Report
LMS: Canvas	80	spreadsheets	1 spreadsheet export per course gradebook, 40 courses per year, 2 exports per course: at mid-term and final-term
APPE Evaluations	10	spreadsheets	The amount of 10 spreadsheet was used as a starting point since the number of spreadsheet exports varies among schools.
IPPE Evaluations	10	spreadsheets	The amount of 10 spreadsheet was used as a starting point since the number of spreadsheet exports varies among schools.
PharmCAS	10	spreadsheets	The amount of 10 spreadsheet was used as a starting point since the number of spreadsheet exports varies among schools.
Total	249	documents	

Which Came First: Data or Gut Decisions?



Data Analysis

Processed data, to be useful, answers “who, what, where and when” questions

Gut Decisions

Are made when we believe we understand why expected outcome were unmet

The Self-Study Process

Benefits to Consider:

- Promotes self-evaluation and continuous quality improvement
- Ensures that educational activities of the accredited program are satisfactory
- Enhances reputation
- Educational requirement for licensure

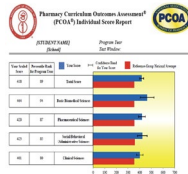
Resources to Consider:

- Preparation begins 12 to 18 months prior to the on-site evaluation
- Most faculty and staff participate in the evaluation

Calculation of FTEs Committed to the Self-Study Process IF:		
Self-Study Preparation	18	months prior to site visit
Full-Time Faculty	45	faculty
Faculty Time Spent on Self-Study Preparation	4	hrs per week
Total Faculty Hours	12,960	hrs in 18 months
Total FTEs	6.2	An FTE is about 2,080 (40hrs/wk for 52 wks) per year

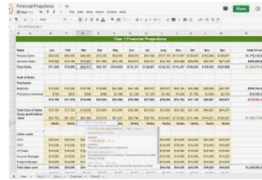
Collaborative intelligence: How human and artificial intelligence create value

Automation



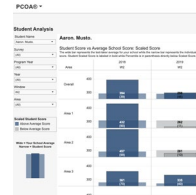
Data

Symbols



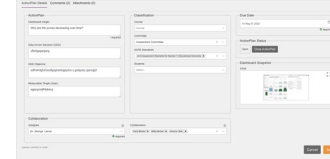
Information

Processed data, to be useful, answers “who, what, where, and when” questions



Insights

Are found when
analysis triggers
questions



Actions

Are taken when we
understand why
expected outcomes
were unmet

Human Intelligence

Attributes of Actionable Insights

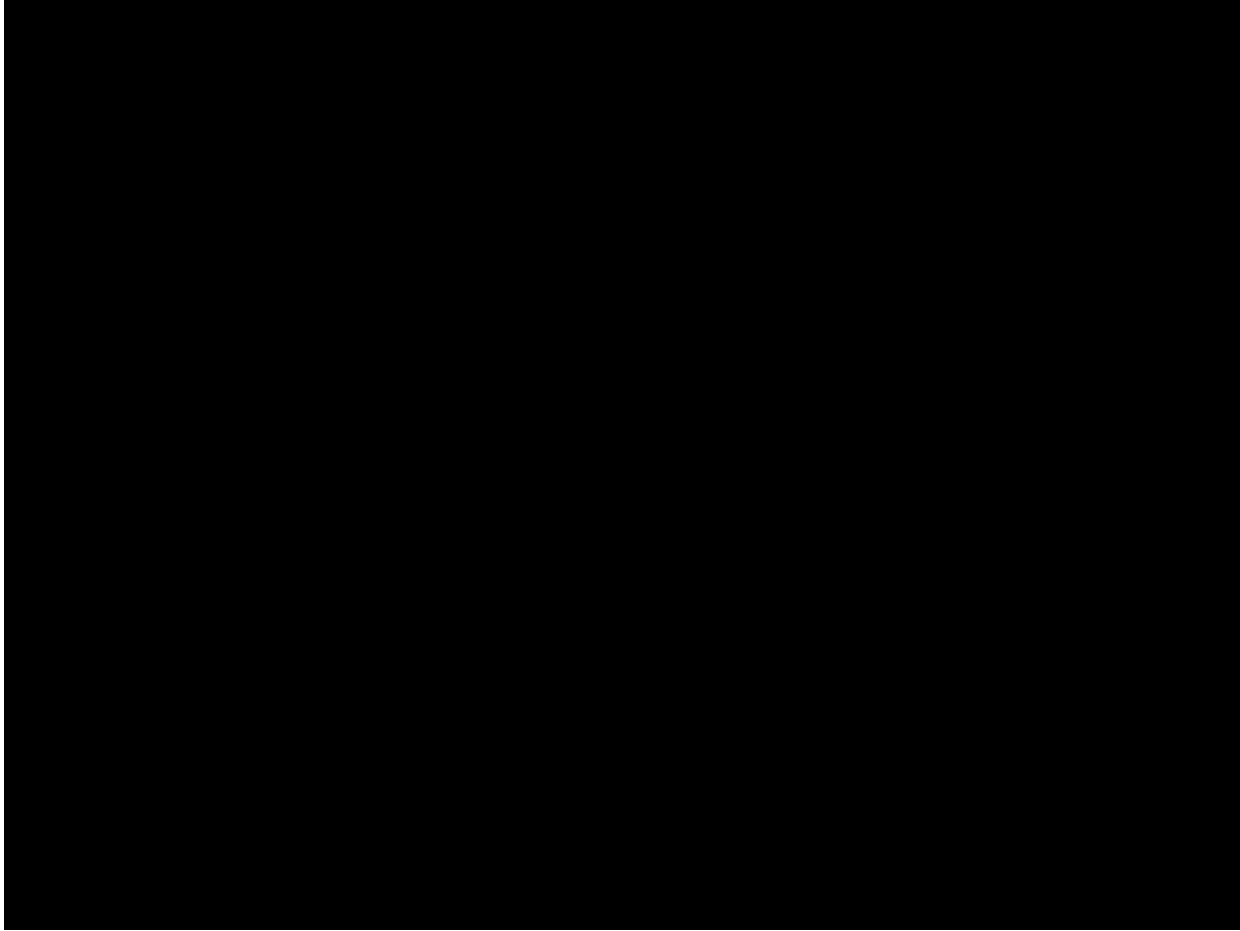
- Reliable
- Aligned to Strategic Plan Goals
- Holistic
- Relevant

Poll Results

*Cost of Manual vs Automated Assessment
Processes*

Benefits of Enflux

- **Centralized data warehouse**
- **Pre-built dashboards with actionable insights**
 - Eliminates the hassle of sifting through complex spreadsheets, and developing/maintaining reports.
 - Quickly see which students are at risk, identify curriculum gaps, and ensure accreditation compliance.
- **ActionPlans®**
 - Enables effective collaboration & documentation around actions to help you drive outcomes.
 - Supports future preparation of your school's accreditation self-study.
- **Assessment & Accreditation**
 - Streamline the self-study process by labeling the ActionPlans with accreditation standards.
 - Obtain comprehensive PDF reports by ACPE standard with a collection of ActionPlans.
 - Start the self-study by reviewing the comprehensive report per standard instead of going on a treasure hunt looking for evidence of compliance.



Automate Assessment Processes and Use Time to Reduce Attrition

According to AACCP, "Attrition estimates over the past five years have averaged 11.6 percent per class." What if we can reduce attrition to 9%?

Questions?

Thank you!

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