Is Your Institution Ready to Innovate with Learning Analytics?

Kim Arnold  
University of Wisconsin

Steve Lonn  
University of Michigan

Matthew D. Pistilli  
Purdue University
Agenda

- National view of learning analytics
- The concept of readiness
- Assessing readiness
- The Learning Analytics Readiness Instrument
- Future directions
Poll #1

How familiar are you with learning analytics?
A. Very familiar
B. Somewhat familiar
C. A little familiar
D. Not familiar at all
National View of Learning Analytics

New Media Consortium’s Horizon Report for Higher Education

2011
Time to adoption: 4-5 years

2012
Time to adoption: 2-3 years

2013
Time to adoption: 2-3 years
Source: Gartner (2013)
Institutional Action

- Big buzz…
- High expectations…
- Are we ready to implement something?
The Concept of Readiness
Poll #2

How ready is your institution to implement learning analytics?

A. We’re ready!
B. We need a little planning, but we are basically ready
C. We’ve talked about learning analytics, but made no plans
D. We are not ready
Readiness (ˈred-ē-nis)
noun
1 willingness to do something.
2 the state of being fully prepared for something.
3 immediacy, quickness, or promptness.

- Adopting learning analytics requires significant investment of:
  - Time
  - Resources
  - Money

http://www.flickr.com/photos/gadgetgirl70/2918038830/
Readiness for Learning Analytics

- Will not happen accidentally
- Logistics can be daunting
- Institutional reflection is critical

http://ieatgrass.com/2011/05/ready-set-go/
Analytics “Maturity”

Educause’s (2012) Center for Analysis and Research’s Analytics Maturity Index
The Need for Reflection

- Comprehensive understanding
- Multiple perspectives needed
  - Cross-disciplinary
  - Diverse expertise & skills
- Multiple levels needed
  - Executive officers, administrators, faculty, professional and technical staff, students

“Thinking” designed by Ashley Fiveash from The Noun Project
The Learning Analytics Readiness Instrument
Framework for Creation

- Provide an institutional profile with readiness indicators
- Serve as a prescriptive diagnostic
  - Help determine areas of strength and improvement
- Situated within learning analytics literature
Poll #3

What is the most important factor to consider when preparing for a learning analytics implementation?

A. Ability
B. Data
C. Culture and process
D. Governance and infrastructure
E. Readiness perception
The LARI Pilot

- Initial survey developed based on:
  - Literature
  - ECAR Maturity Index
  - Practitioners’ experience

- Survey piloted by 9 institutions
- Exploratory Factor Analysis (EFA)
The LARI Factors

- Ability
- Data
- Culture and Process
- Governance and Infrastructure
- Overall Readiness Perception
Future of the LARI
Next Steps

- Refine survey instrument
- Create tailored feedback
  - Iteratively improve the tailored feedback
- LARI beta to be unveiled in February at ELI Annual Meeting
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kim.arnold@doit.wisc.edu
slonn@umich.edu
mdpistill@purdue.edu