Learning Analytics Buzzword *or* For Real?



- REAT EXPECTATIONS...

 New data

 Learning Management Systems
 Increasing personal information
 Structured demograph be enormously powerience of university

 Big data browser of to dent experience, process-related etc.

 Big data browser of to dent experience, process-related etc.

 Greate potential student experience of university

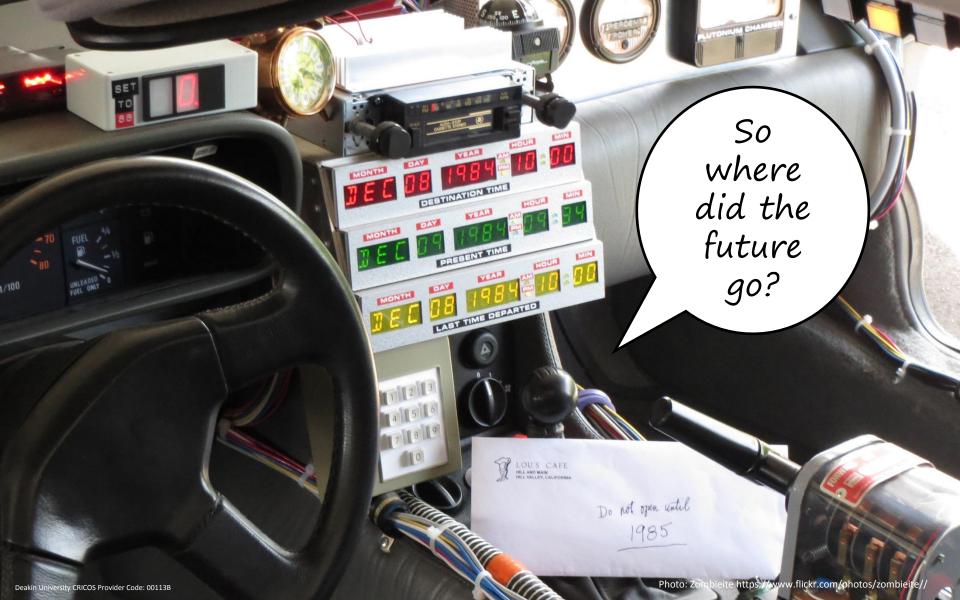
 Greate potential to dent experience of university

 Greate potential to dent experience of university

 Greate potential to dent experience of university

 Al, Improving the greatened of university of uni works, library data, location etc







Learning analytics is the measurement, collection, analysis and reporting of data about learners and their contexts, for purposes of understanding and optimising learning and the environments in which it occurs.

Society for Learning Analytics Research



TACTICS TO MAKE IT MANAGEABLE

- Student facing or staff facing?
- Practical or research?
- What are your university's motivations?
- Beware of big bangs
- Meld bottom up with top down



SOME VISIONS

- Through excellent research and education, XXXX will discover, teach and collaborate with partners to meet the challenges of the age in service of national and international communities.
- XXXX's vision is that it will be a leading contributor to Australia having the best higher education system in the world, supporting the world's best educated and most innovative, cohesive and sustainable society.
- To provide world-class education, research and community engagement for the advancement of the prosperity and welfare of our communities.
- Page not found.
- We aim to create and sustain a university in which, for the benefit of both
 Australia and the wider world, the brightest researchers and the most promising
 students, whatever their social or cultural background, can thrive and realise
 their potential.

KEEP YOUR EYE ON THE PRIZE

- Given my results up to now, what do I need to do to get a distinction?
- What units should I choose?
- What surprised me about my results? Why?
- Could I have found out the same things more easily / quickly / cheaply?
- What are the best learning materials to develop?
- How effective are my assessment methods?





KEY ISSUES TO UNDERSTAND

- What systems are in place?
- What's already linked together?
- What tools do you have?
- Anything obviously missing?
- What processes are relevant?
- What's changing? When?

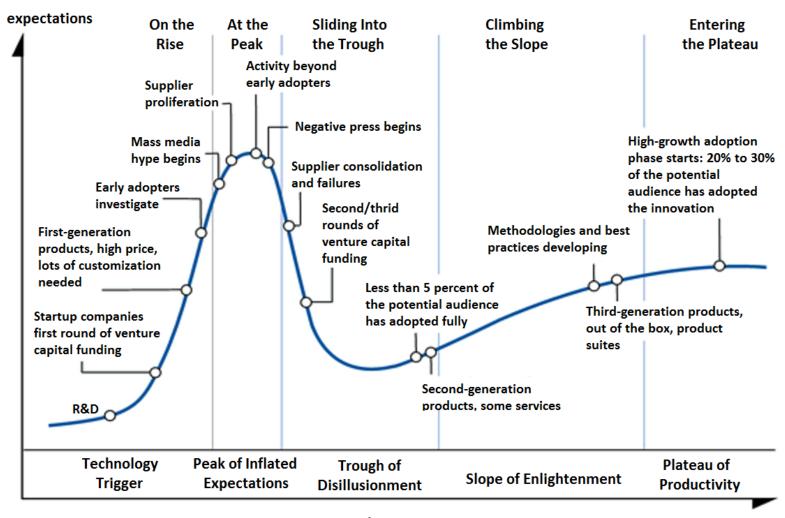


KEY RELATIONSHIPS TO BUILD

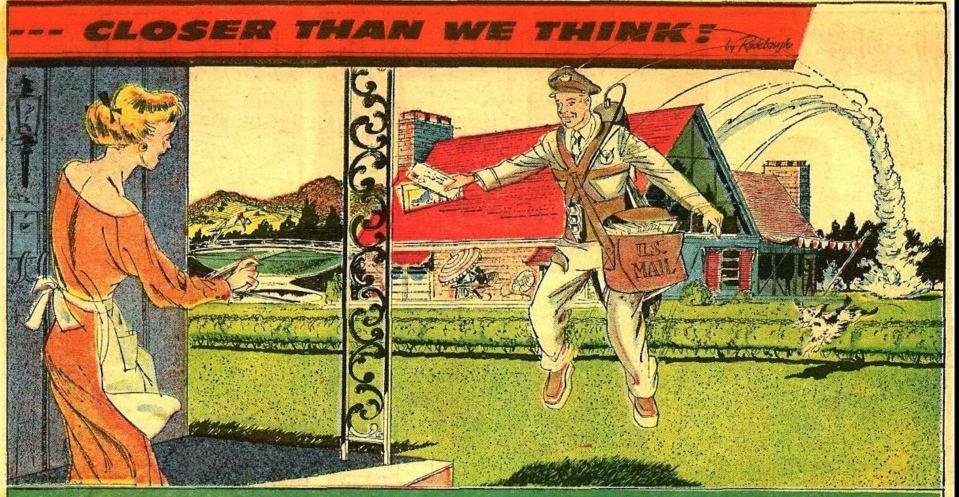
- DVC Education
- PVC Learning & Teaching (+ team)
- LMS Director (+ team)
- Education researchers
- CIO / IT specialists (as appropriate)
- Associate Deans of L&T
- Some real lecturers & some real students











ROCKET MAILMEN Uncle Sam's mailmen can look forward to going faster, getting farther, and doing so with less effort than ever before. All it will take will be a device like the recently perfected "rocket assists" which were originally developed to help infantrymen leap like grasshoppers.

Deakin University CRICOS Provider Code: 001132 Quipment Works is still a military socret. The designer.

Reaction Motors, Inc., is not permitted to say how large the device is, or how long it fires, or what kind of fuel it uses. But best guess is that the rocket fires intermittently, so that the wearer can bound from spot to spot as he wishes, with no more energy then it takes to walk. Also the mechanism is believed to be of small size, simply constructed and low-priced. What a boon for mailmen and others who image! Arthur Radebaugh "Closer Than We Think, http://paleofuture.com/

HANDLING THE HYPE

- We're around peak hype at the moment
- Some projects may go ahead for the hype
- Some people may be here for the hype





ETHICAL CONSIDERATIONS

- It's when not if so be prepared
- Expect unintended consequences (!)
- Understand the legal line & the moral line
- Necessary as soon as you predict anything
- Opt ins/outs are difficult to retro-fit





IMPLEMENTATION TACTICS

- Always check should I make or buy?
- Keep focused on outcomes
 - It's not how big your data is, it's how you use it
- Keep pushing up source data quality
- Wait?



