HUDK 4050: CORE METHODS IN EDM

9/20/16 10:56 AM

In the news

2016 Data Science Salary Survey
Tools, Trends, What Pays (and What Doesn't) for Data Professionals

By John King, Roger Magoulas

Publisher: O'Reilly
Released: September 2016

Variable	*B*
Female	-7.8
26-30	+17.2
+65	+38.5

Toymakers fined for tracking children online

🕐 14 September 2016 | Technology

BBC

Ed-Tech Startup Coursera Launches Online Learning for Companies FORTUNE

Ranku's eCollege optimizer bought by edtech giant for ~$25 million

Posted Sep 15, 2016 by Josh Constine (@joshconstine)

Data Shows Tech Employers Are Looking For Experience Over Education **Forbes**

The Next Hot Ticket in Ed Tech? Micro-Credentials

Companies that carve out sustainable business models as part of those ecosystems are likely to be the next ed tech darlings of the VC world.

Shawn D. Terry Published 8:15 am, Thursday, September 15, 2016

stamford advocate

Wolfram DATA SUMMIT 2016
September 21–22, 2016 | Hyatt Regency Fairfax | Fairfax, Virginia

Learning Analytics Fall Gathering
Thursday, Sept. 29, 5-7 PM

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Smith Learning Theater
4th floor of the library (Russell Hall)

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http://bit.ly/2cX5Zmj

Passing the Privacy Test as Student Data Laws Take Effect

- Gov trying to protect students info from company

- Access, must delete, do not require students to share data unless it is for educational purpose

Translating Learning into Numbers: A Generic Framework for Learning Analytics

- It is a "how to" for LA

- 6 dimensions to do LA correctly

Troubleshooting

Course Goals

Short Term		Long Term	
Content	*Skills*	*Abstractions*	*Habits*
remember…, understand…	demonstrate…	synthesize…, argue…	organize…, implement…
Conceptual basis of methods, use cases	R, git, application of methods	Evaluate broader implications, have opinions, methods schema	Workflow, documentation, JIT learning (trouble-shooting)

Troubleshooting

- Find an expert (phone a friend)

- Web search

- Crowd source

  - Within community (EG - Twitter)

  - StackOverflow

How to ask a good question:

- Do an exhaustive search

- Format correctly (EG - indent code)

- Include a "reproducible example"

- Don't be intimidated

Twitter Exercise

In your table groups do the following:

- Decide what the purpose of Twitter is for the class

- Search Twitter for #TCLA16

- Devise an intervention that will increase the effectiveness of Twitter to serve its purpose

Go to the "class4" repo on the 4050 Github page