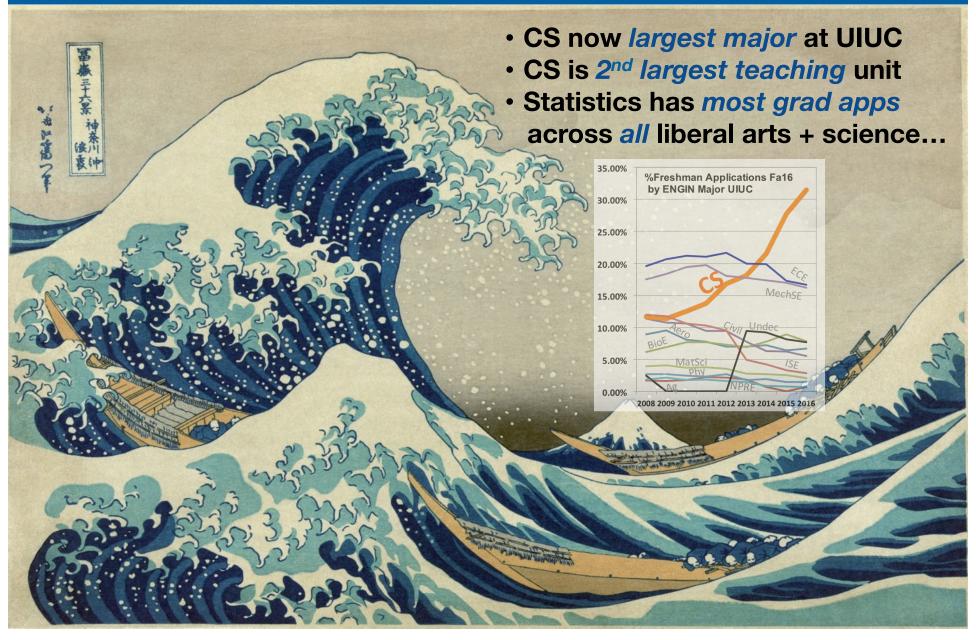




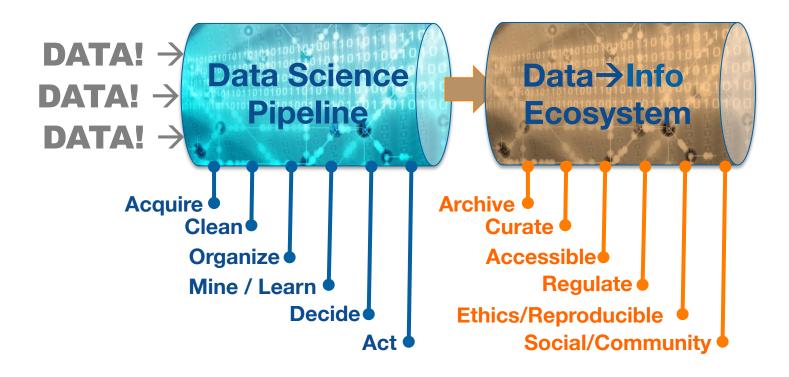
CS+DS Tsunami: Illinois Version...





Scope: Complete Data "Pipeline"

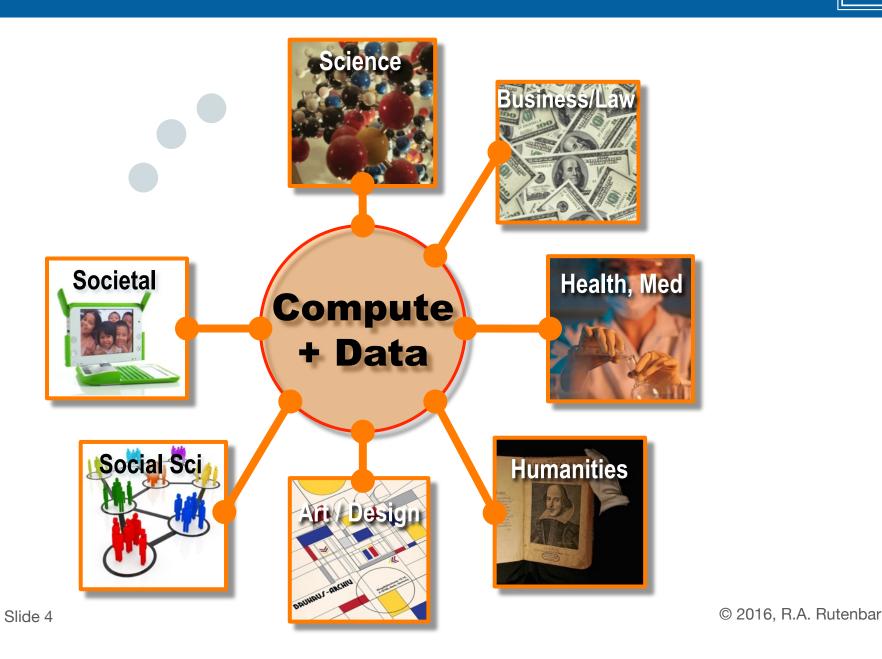




Slide 3 © 2016, R.A. Rutenbar

Scope: CS+DS as Essential Hub For...





The Data Disruption...





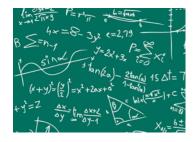
Opportunity: Educational Breadth



- More undergrads in game
- Ex: UIUC CS+X degrees
- CS(1/2)+X(1/2)=Degree in X



CS+Math



CS+Statistics



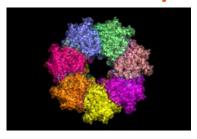
CS+Anthropology



CS+Astronomy



CS+Chemistry



CS+Linguistics



Slide 6 © 2016, R.A. Rutenbar

UIUC CS+X: Rising Popularity



- Dramatic surge of interest "to be next X"
- Likely pivoting toward more {CS+DS}+X























Opportunity: Educational Depth





Prospective Students

Prospective Students Undergraduate Programs Graduate Programs MS & Ph.D. Programs MS in Bioinformatics Program Professional MCS Program MCS-DS Overview MCS-DS FAQ MCS-DS Degree Requirements MCS-DS Application Deadlines and Steps to Apply Application



Home » Prospective Students » Graduate Programs » Professional MCS Program » Online MCS - Data Science: Apply Now

Online MCS - Data Science: Apply Now

- New Illinois Master of CS in Data Sci on Coursera, Fall16
- Stackable, MOOC-based, CS + Stats + Info Sci

Opportunities: Research



1 Heterogeneous data



2 Extreme scalability



2 Rethinking hardware stack for data

THE WALL STREET JOURNAL.

TECH

Intel Agrees to Buy Altera for \$16.7 Billion

On-again-off-again deal is latest acquisition in active semiconductor sector

