

# HUDK 5053: FEATURE ENGINEERING STUDIO

9/27/16 9:00 AM

# In the news



GEORGE W. BUSH  
INSTITUTE

STATE OF OUR CITIES

Profiles of Education Performance Around the Nation

<http://www.bushcenter.org/stateofourcities/explore/>

Data privacy worries shield thousands of Colorado test scores from public scrutiny



Chalkbeat

**Graduation rates at core of potential accreditation overhaul**



Education **DIVE**

**California AG Harris Issues Educational Data-Sharing Guidelines for Foster Youth**

Census Bureau Revamps Statistics Program for K–12 Students and Teachers

Online learning program offers interactive activities and databases to teach data analytics across all grade levels.

Thousands of Nigerian Girls to Benefit from Ed Tech and 3D Printing



Youth for Technology  
Foundation

PewResearchCenter

**Only 28 Percent of American Adults 'Very' Familiar With Edtech Terms**

Education Innovation Technology Summit (ETIS16)

Register ☆ BOOKMARK

Wednesday, September 28  
8:00am–7:00pm

McHenry Row Campus  
1215 E. Fort Avenue 21230

# Events



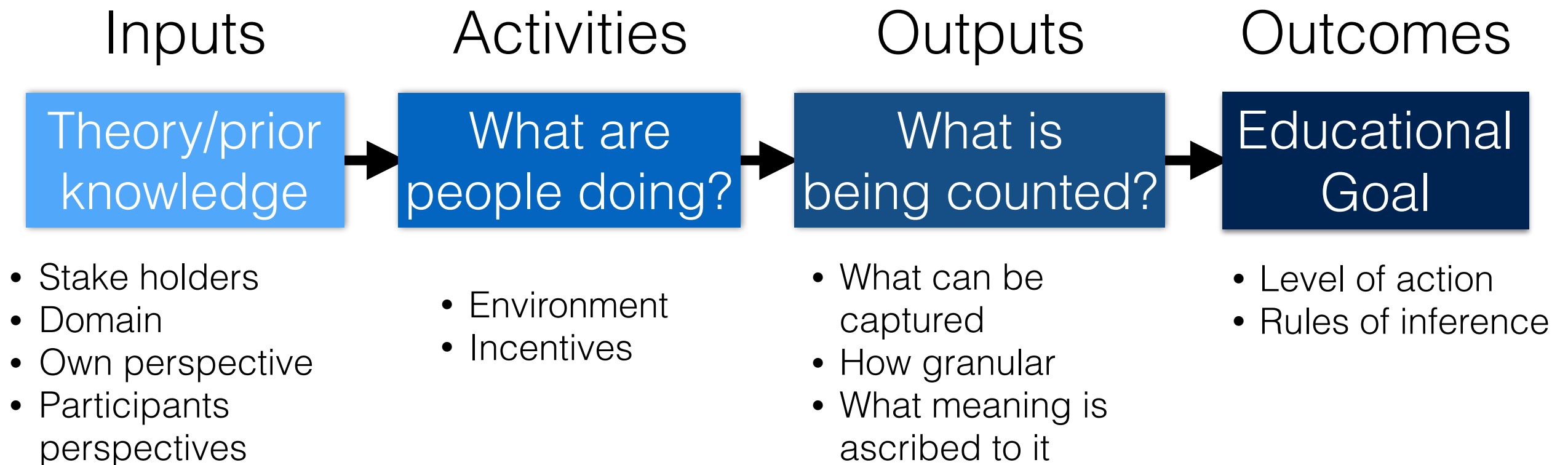
<http://bit.ly/2cXzRzl>

[https://www.eventbrite.com/e/ny-edtech-meetup-edsurge-ny-edtech-jobs-fair-tickets-27396309098?utm\\_source=blurb&utm\\_medium=edsurge&utm\\_campaign=es-blurb-ny-fall16-eventbrite](https://www.eventbrite.com/e/ny-edtech-meetup-edsurge-ny-edtech-jobs-fair-tickets-27396309098?utm_source=blurb&utm_medium=edsurge&utm_campaign=es-blurb-ny-fall16-eventbrite)

LA Happy Hour this Thursday

<http://bit.ly/2cX5Zmj>

# Logic Model/Theory of Action



# Action Item

- Generate your theory of action
- Revise your statement

# Where do WE get data?

## Open Data Sets

- *Government:* NYC (<https://nycopendata.socrata.com/>), Whitehouse (<https://open.whitehouse.gov/>), UK (<https://data.gov.uk/>)
- *Research Labs:* ASSISTments (<https://sites.google.com/site/assistmentsdata/>), PSLC DataShop (<https://pslcdatashop.web.cmu.edu/>), Learnsphere ([learnsphere.org](https://learnsphere.org))
- *Private release:* Harvard/MIT MOOC Data (<https://dataverse.harvard.edu/dataverse/mxhx>)

# Where do WE get data?

## Cut a Deal

- Happens often but will lose autonomy/\$\$\$/control of results

## Automated acquisition

- APIs, web scraping, beacons

## Generate

- Make your own!

[http://learnsphere.org/  
explore.html](http://learnsphere.org/explore.html)



# Action Item

- Download a data set
- Develop a theory of action that you could use to investigate that data