

COMMERCE DATA USABILITY PROJECT

Star Ying / Data Scientist



Commerce agencies are among the biggest contributors to the open data movement.



NOAA VIIRS
Satellite
Imagery

NTIA
National
Broadband
Map



American
Housing Survey
+ American
Community
Survey



Severe
Weather Data
Inventory



NOAA
NEXRAD



National
Economic
Accounts

IP +
Patents



Census Foreign Trade
+ ITA Market Reports



NOAA



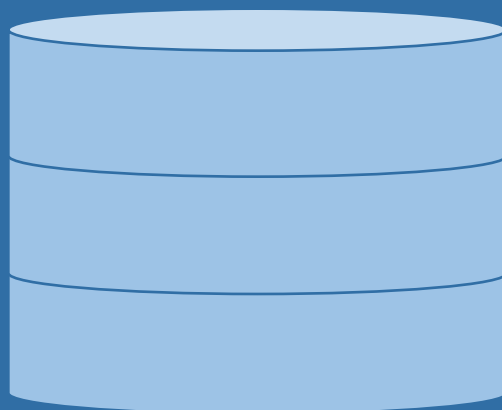
3 25



Commodity

Just from one instrument on one of our satellites, we collect, process and disseminate >2.5 TB per day.

But what can you do with that information? What can we do to encourage data use and data-drivenness?

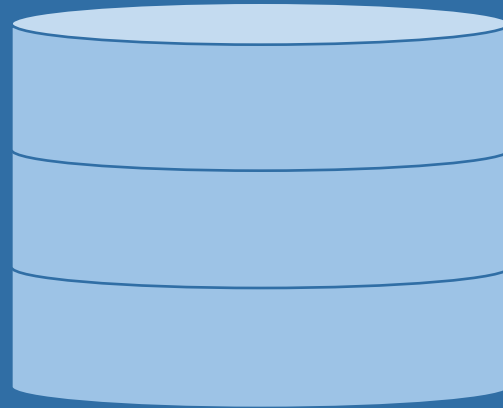


code

research questions

visuals

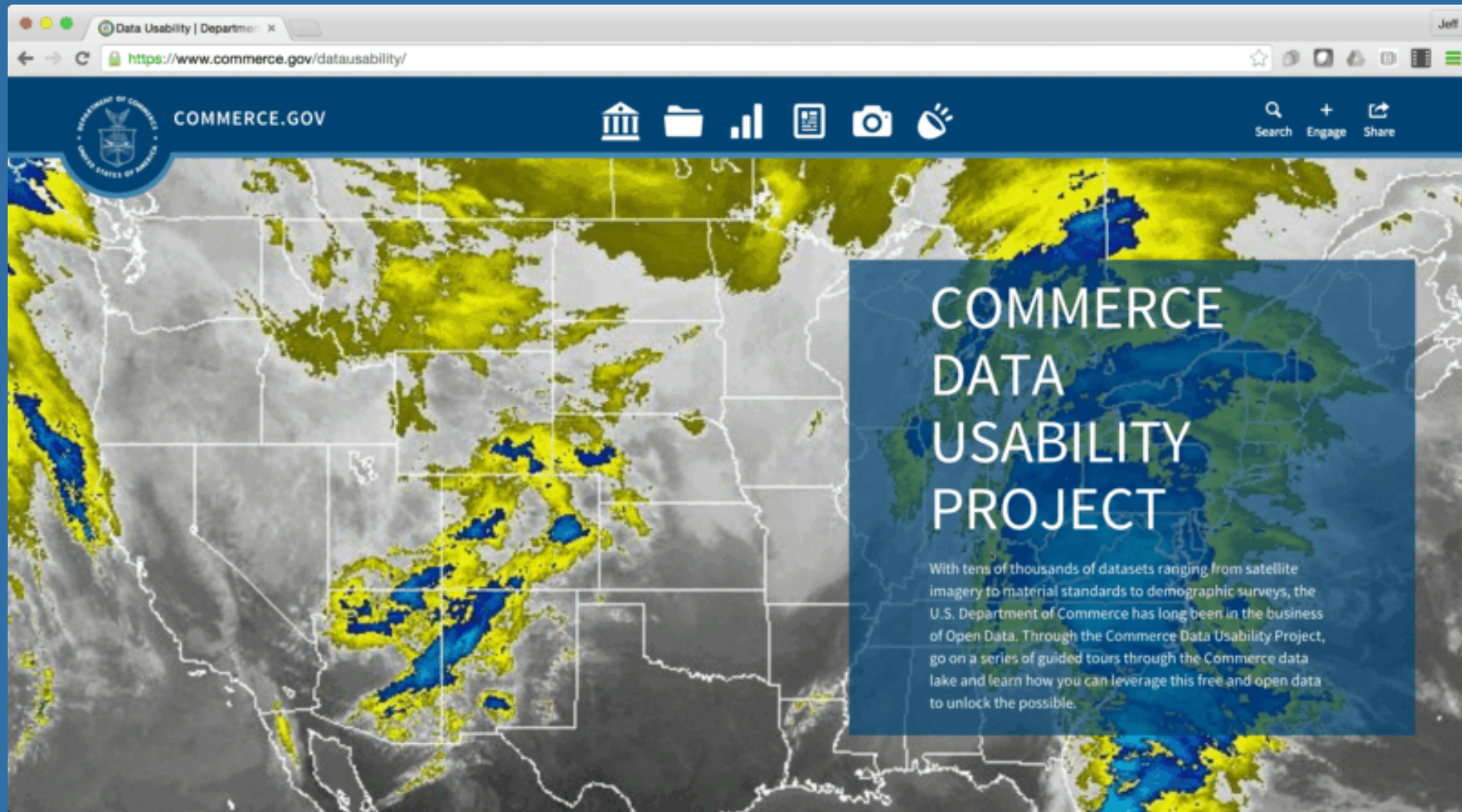
narrative



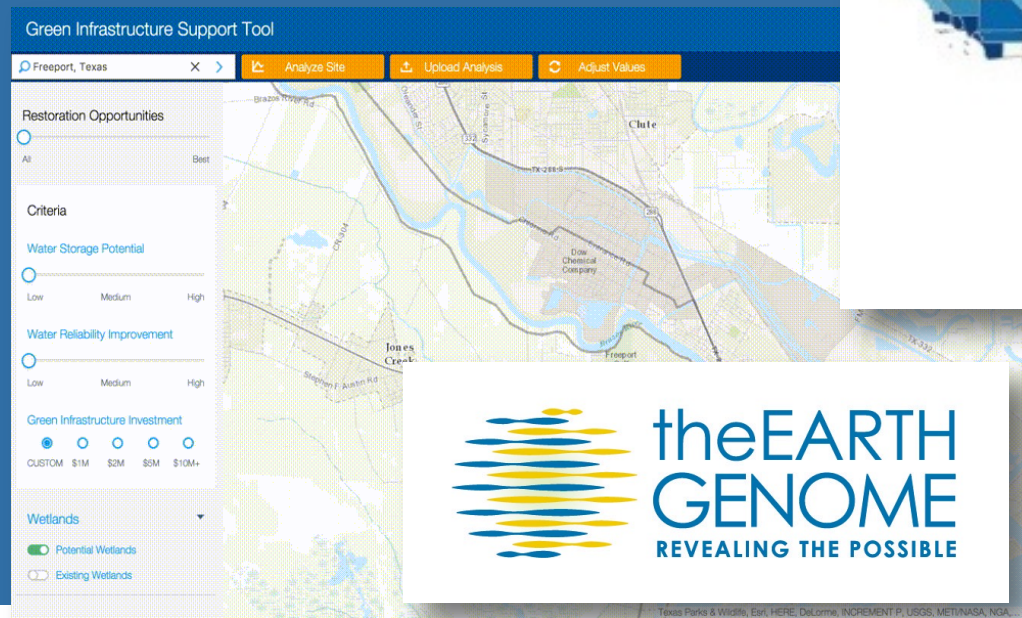
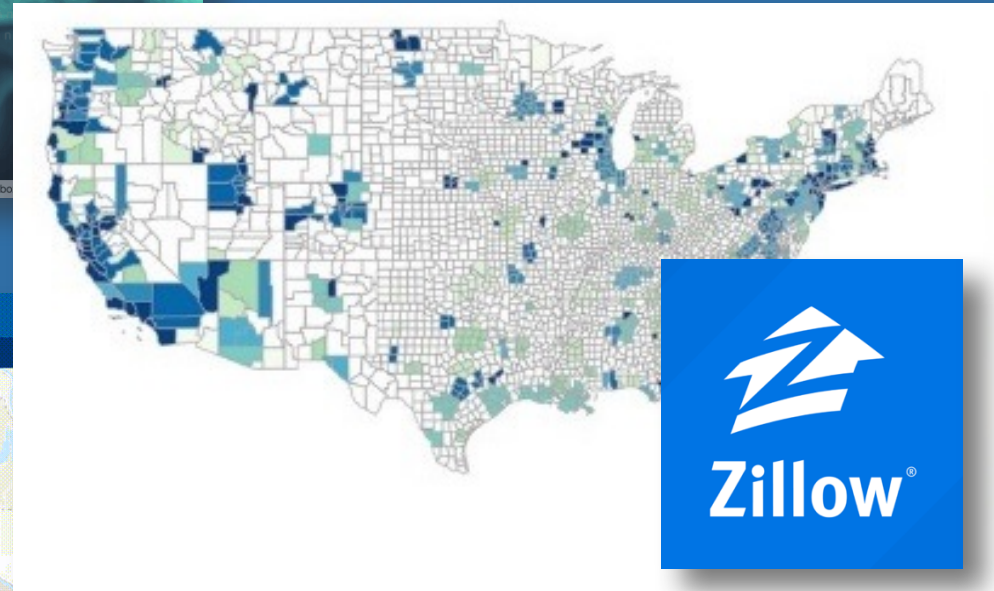
context

“show the thing”

algorithms

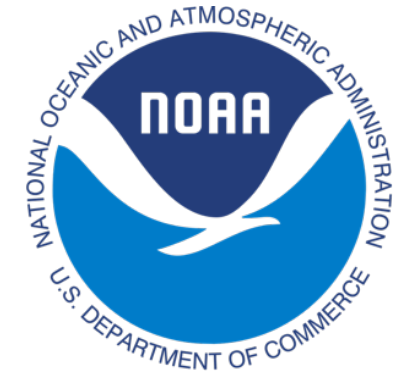


commerce.gov/datausability



DEMOS

NIST



Mapbox



 COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK



8 published
12 + tutorials in the pipeline

Stay tuned.

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