

# 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

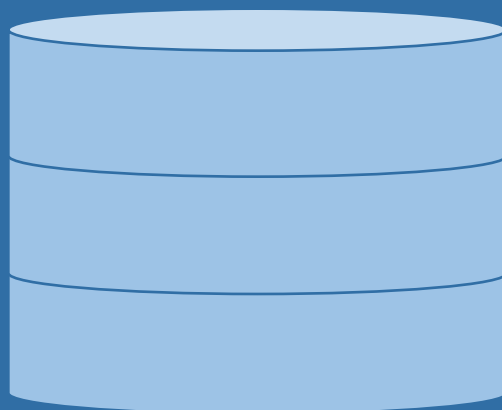


Commodity



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?

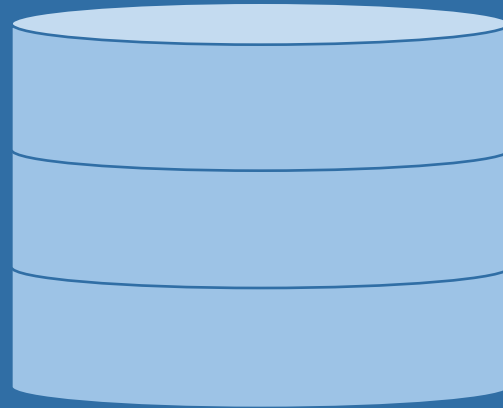


code

research questions

visuals

narrative

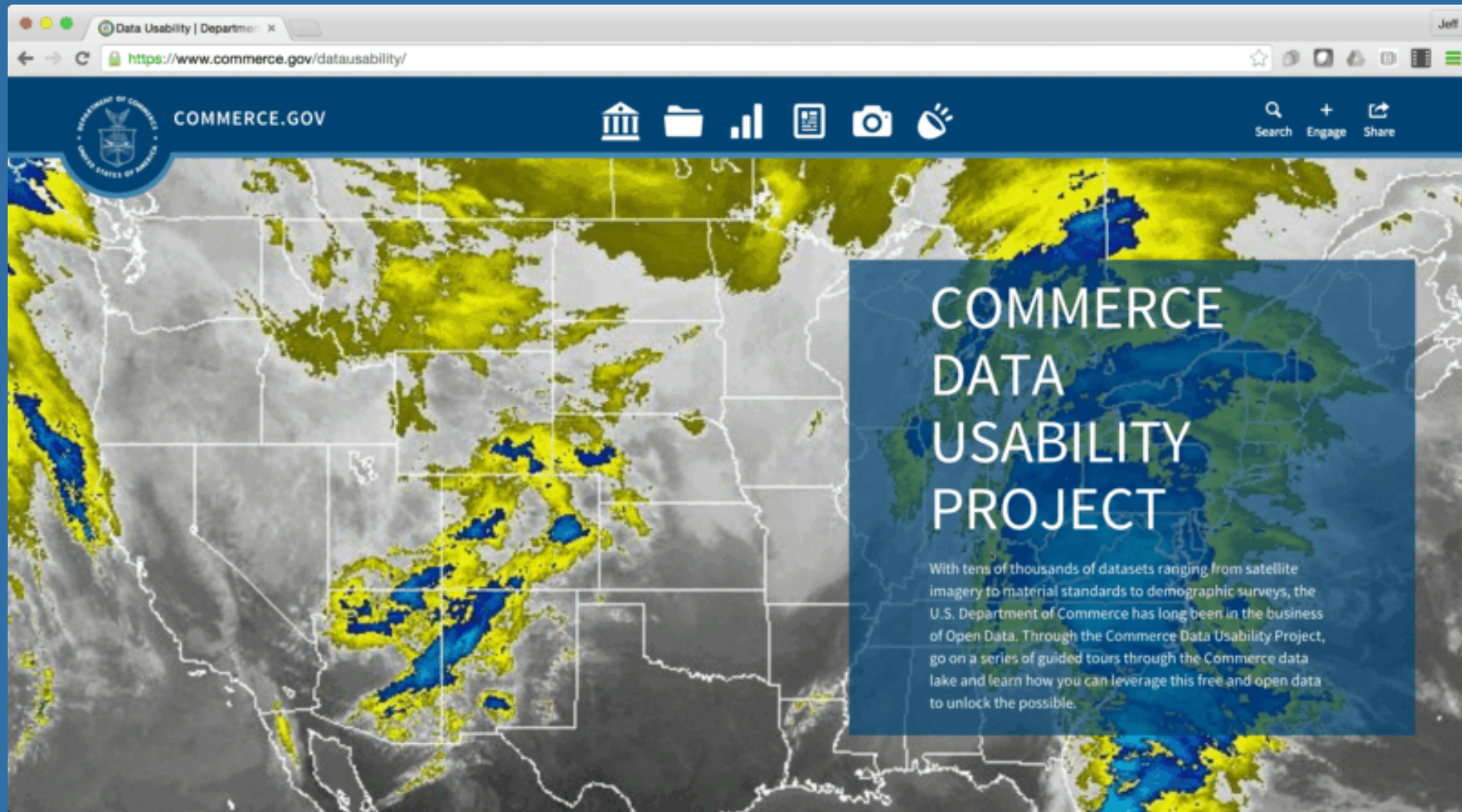


context

“show the thing”

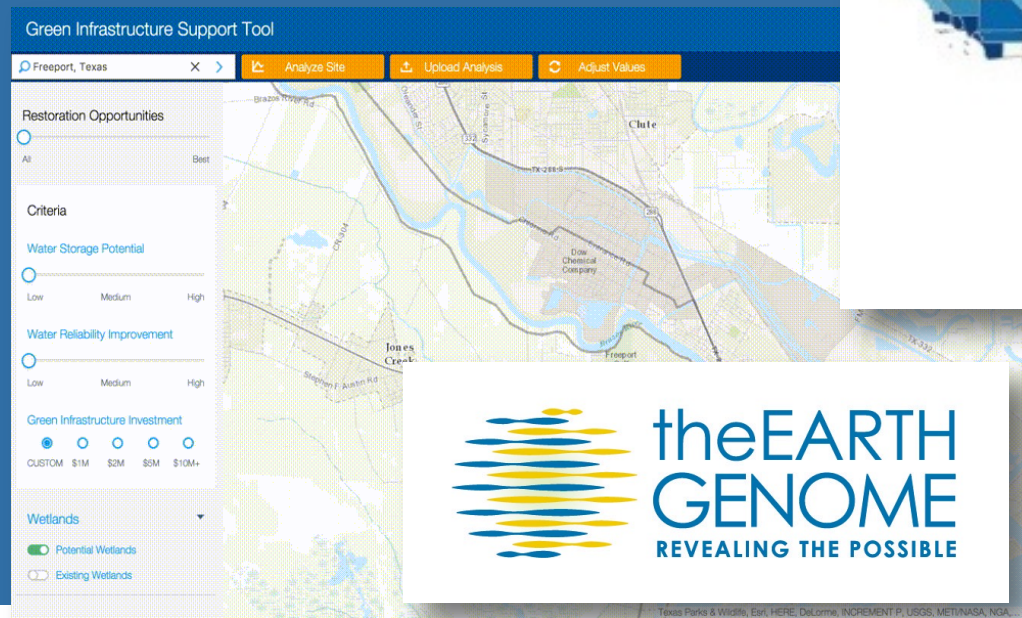
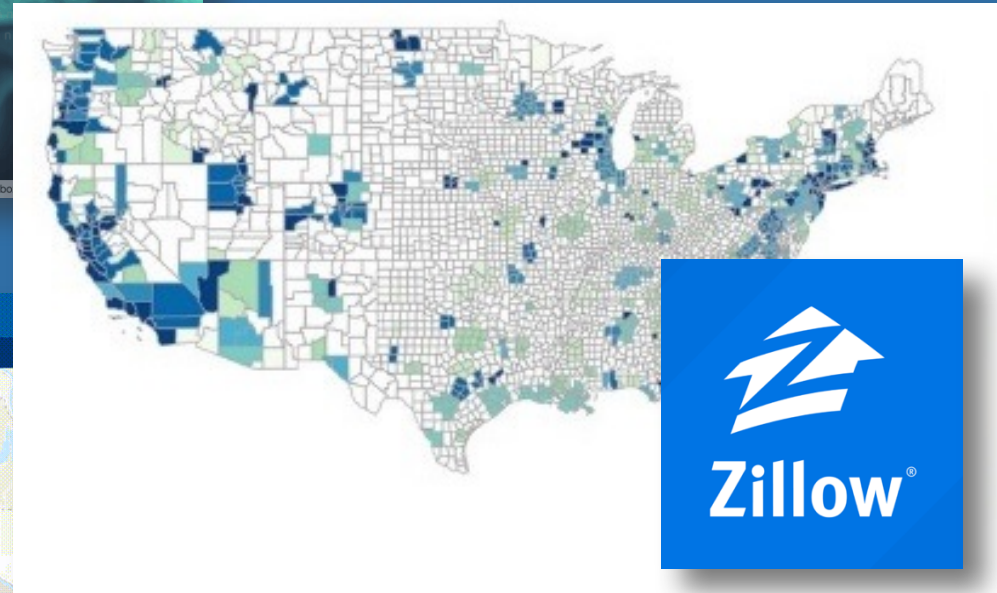
algorithms





[commerce.gov/datausability](https://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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