

Bringing Data and Tools Into Classrooms Through Online Large-Scale Teacher Education

PRESENTERS:

Hollylynn Lee, Gemma Mojica, Christina Azmy, Kemal Akoglu - NC State University
 Rick Hudson - University of Southern Indiana
 Jennifer Lovett - Middle Tennessee State University
 Stephanie Casey - Eastern Michigan University

WEBSITES: <http://hirise.fi.ncsu.edu/>

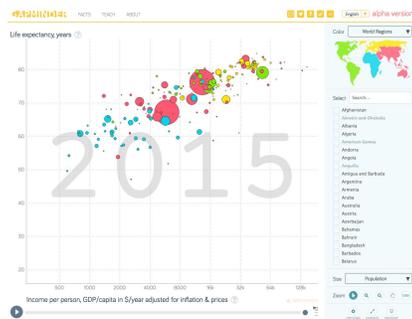
<http://friday.institute/tsdi>



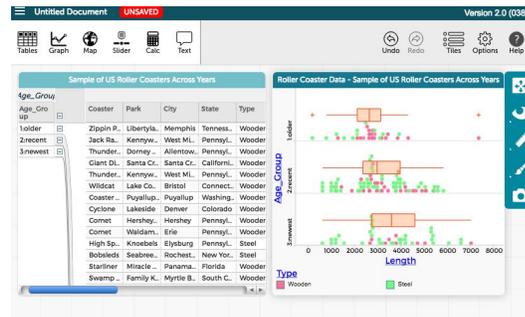
TECHNOLOGY TOOLS/FILES:

All links used in this session can found here: <http://www.tinyurl.com/esteem-uscots2017>

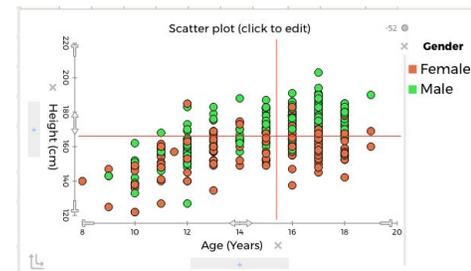
TECHNOLOGY USED:



<http://www.gapminder.org>



<http://codap.concord.org>



<http://www.tuvalabs.com>

DATA SETS USED:

- Random sample of 500 responses to 40 survey items downloaded from Census at School project website
- Data on GDP per capita and life expectancy for countries around the world
- Purposeful sample of 157 roller coasters in the United States, with 15 attributes for each, including: coaster's name, whether the coaster has inversions, the age group of the coaster, top speed, maximum height, track length, and number of inversions
- Random sample of 300 vehicles manufactured in 2015 obtained from the www.fueleconomy.gov website, with 16 attributes for each, including: fuel economy in the city and highway, types of transmission, whether a vehicle is hybrid, annual fuel cost, and number cylinders