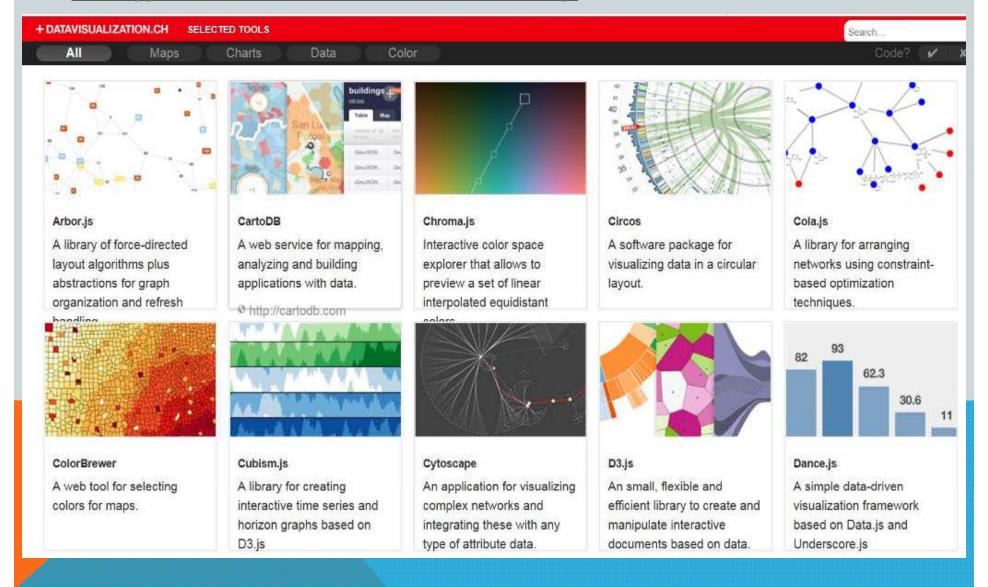


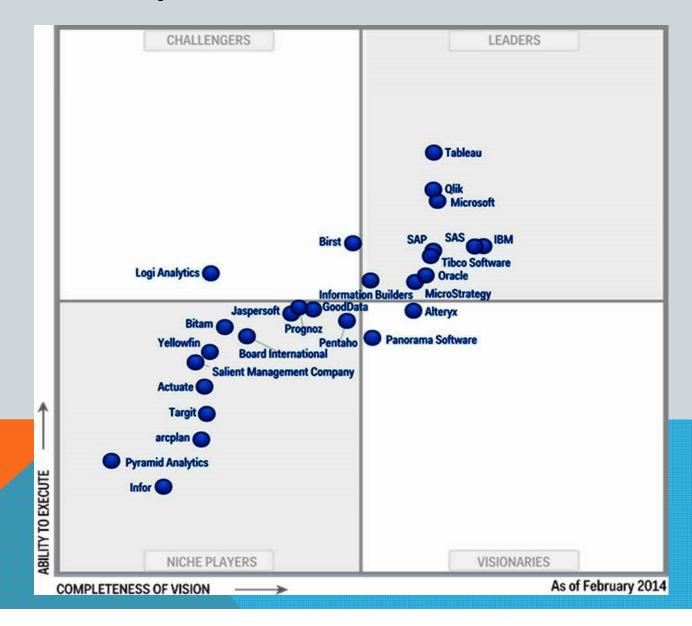
WHAT IS OUT THERE? MUCH MORE ADVANCED TECHNOLOGY

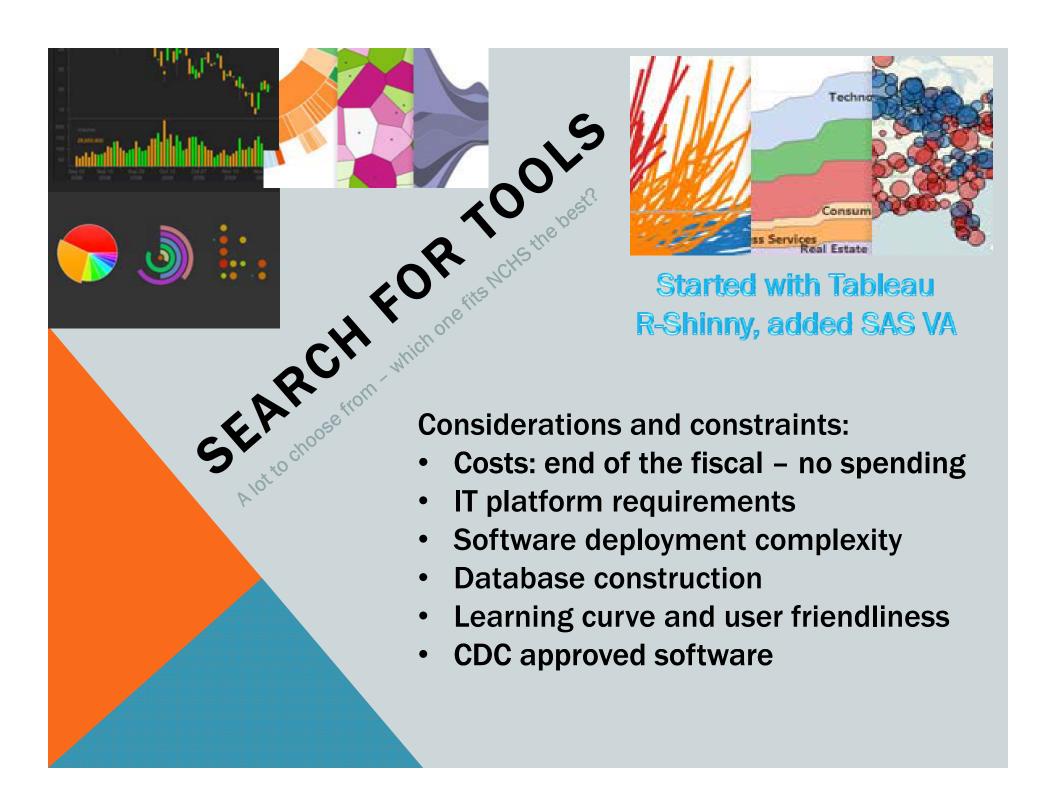
HTTP://SELECTION.DATAVISUALIZATION.CH/



SEARCH FOR THE TOOL

GARTNER'S MAGIC QUADRANT FOR BI PLATFORMS





MAP OUT THE EXPEDITION

TABLUAU: Sept-Nov

Turn massive data tables into Mortality Dashboard TABLEAU: Nov-Dec

Story Board: Uninsured in the US NCHS' role How Americans Die

SAS VA: Oct-Dec

HIS: visual explorations For analysts

SAS VA: Oct-Dec

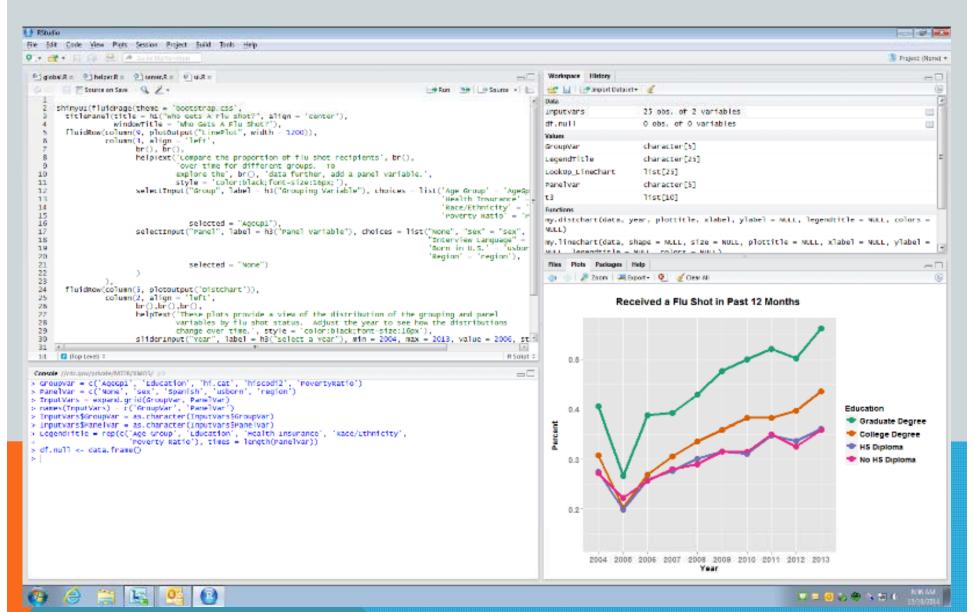
NHANES: Data Briefs reorganized

R-Shinny: Oct--Nov

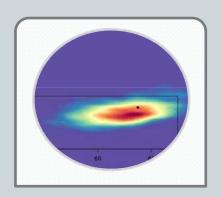
HIS/NHANES
User interactions

INFLUENZA: MMWR TABLES VS R-SHINNY CHARTS

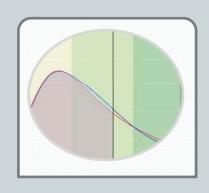
HTTPS://ORM-SRSDS.SHINYAPPS.IO/FLUSHOTFINAL_APP/



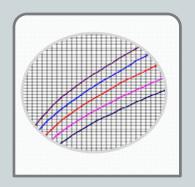
INTERACT WITH NHANES USING R-SHINNY



BP Heat map



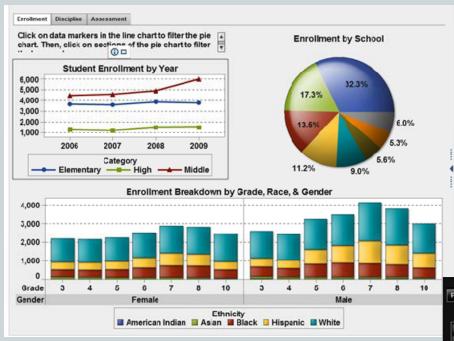
BMI distribution



<u>Growth</u> <u>Chart</u>

If you can think it, you can visualize it
One stop shop, and free
But you speak R

SAS VISUAL ANALYTICS: ANALYSTS EXPLORATION IN VISUAL

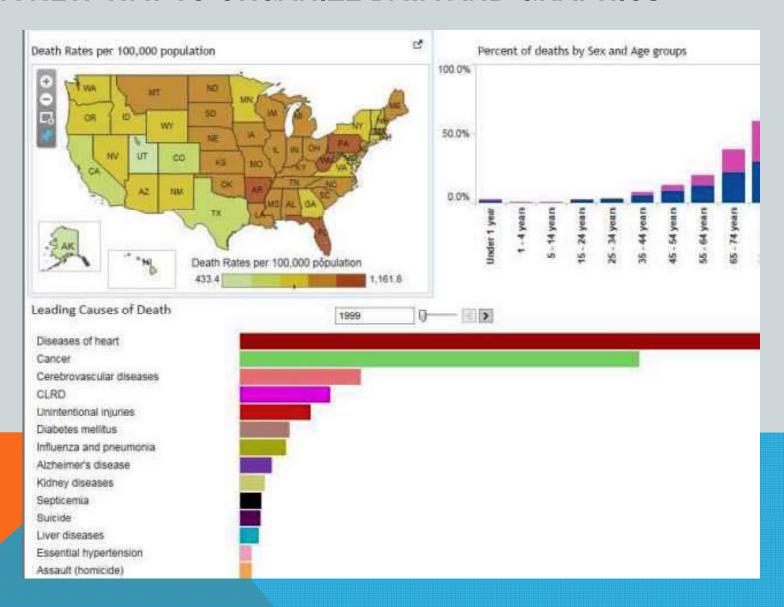


- SAS data loaded directly
- More statistical tools
- Designs logical and orderly
- Large data with ease
- More IT footprint

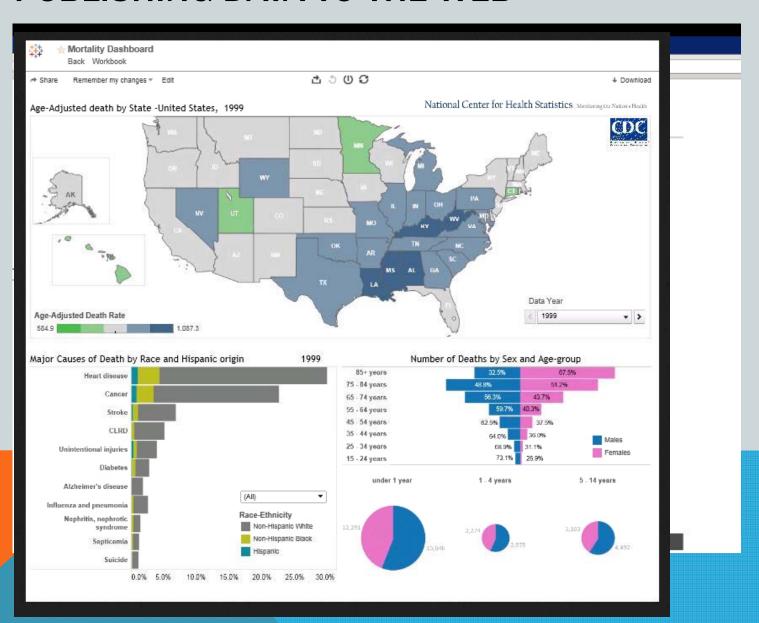
- Access to SAS VA free trial
- Not able to from CDC
- 2-day training
- Work in team with SAS team

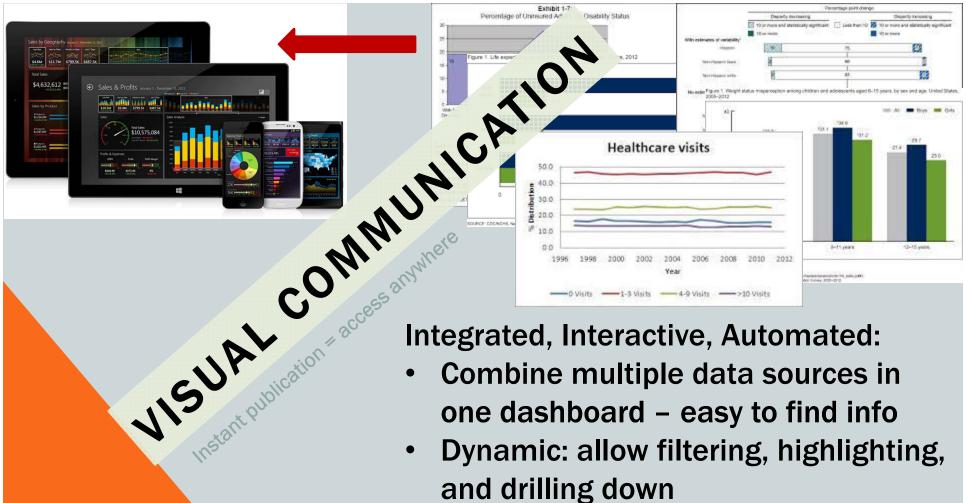


TABLEAU EXAMPLES: A NEW WAY TO ORGANIZE DATA AND GRAPHICS



PUBLISHING DATA TO THE WEB





- Combine multiple data sources in one dashboard - easy to find info
- Dynamic: allow filtering, highlighting, and drilling down
- Let end users in driver's seat fast creation of charts of interest
- Automated updates with new data
- Easy sharing with support for existing security

WHAT CAN VISUALIZATION TOOLS DO?

Mega data integration In sizes & formats

Analyses and graphics rendering combined

Dynamic and interactive user interface

Automated real time reporting

Instant publication and sharing





Infrastructure & Organizational Culture For innovation



TABLEAU
Betzaid/Leo
Ginny/La-Tonya

SAS VA
Te-ching/Marian
Lily (HIW)

R-SHINNY Erin/Chris IT/WEB
John/Tom
Elom/Sarah

IT/AV/Training
Maria/Adonikka/Danna
James/Jakki/Corey
Rick/Lori