



Access these slides at
tinyurl.com/CTLCdataservices



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Data Services

in the age of scalability
(and a pandemic)

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Introduction.

UTA Libraries' Research Data Services supports use and reuse of data at the university, including data management, data prep, use of data tools, and sharing & preserving data.





01.

Data Librarian

In 2016, the transition
included building knowledge.

Initial Offerings.



Training

DAVis & other workshops, course sessions, learning groups



Consultations

DMP reviews, assistance with data tools (R, Tableau, ArcGIS)



Reviews

Conducting systematic projects and assisting with library data



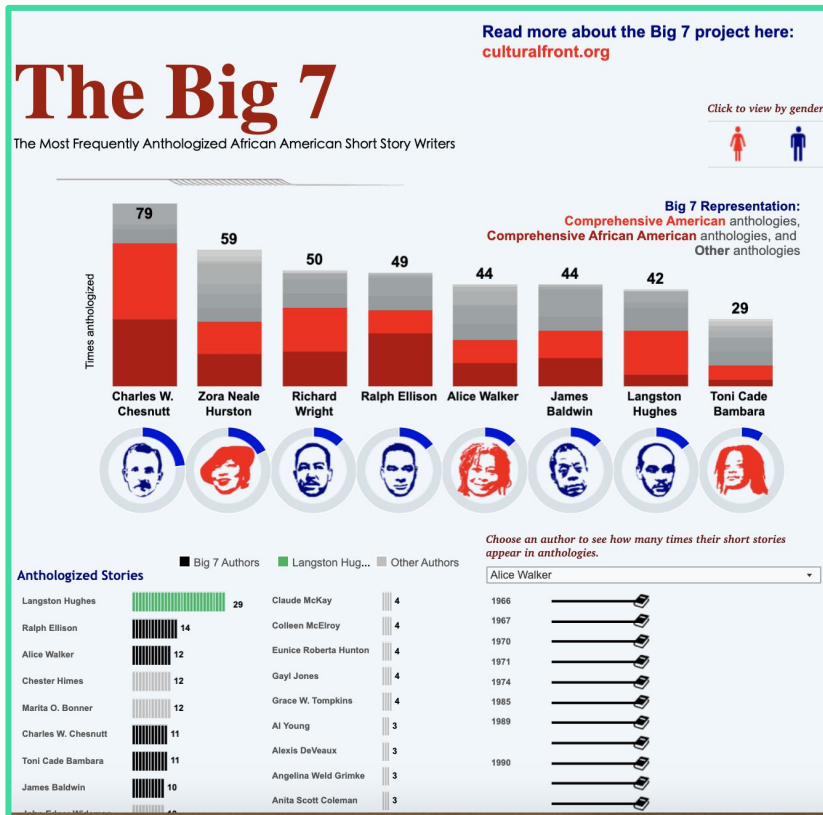
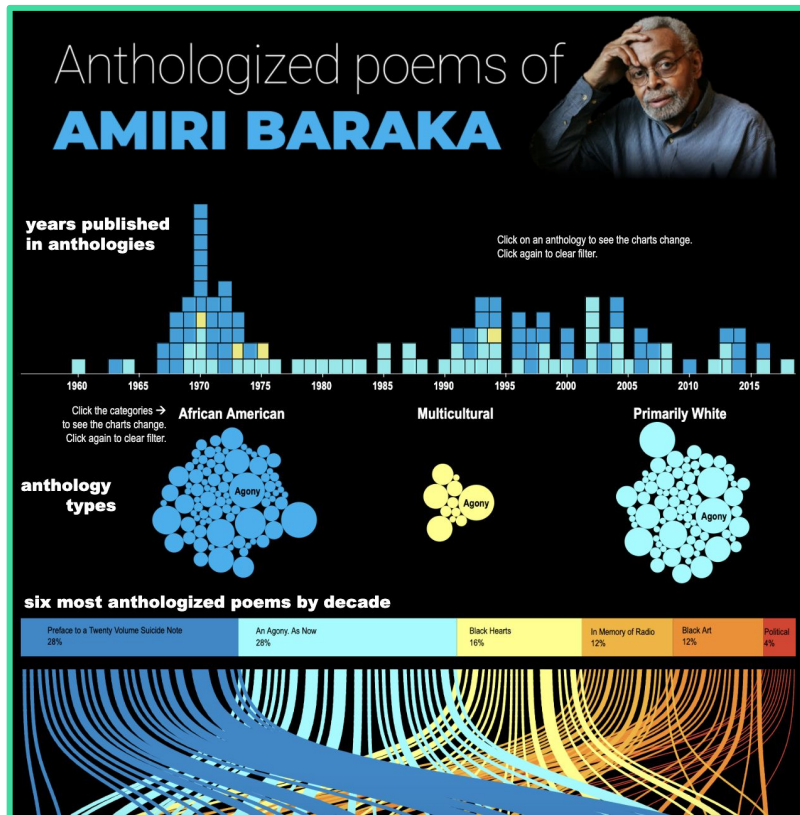
Research

Partnering on data visualization projects & serving as research partner

Projects.



#vizoftheweek



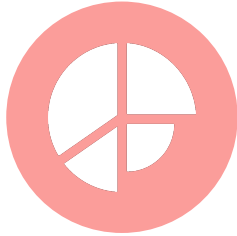


03.

Data Librarians

In 2019, RDS grew to add two additional data librarians.

Roles.



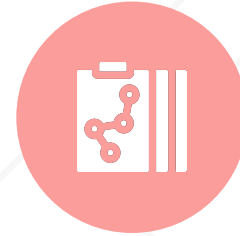
Data Visualization

Data visualization, GIS,
digital humanities



Data Management

Data management, data
storage, data publishing



Director, RDS

Strategic planning,
program development

Data Lifecycle.

01.

Planning

reviewing DMPs &
protocols

02.

Collecting

finding data sources &
assisting with data
management

03.

Structuring

assisting with tools and
methods

04.

Analyzing

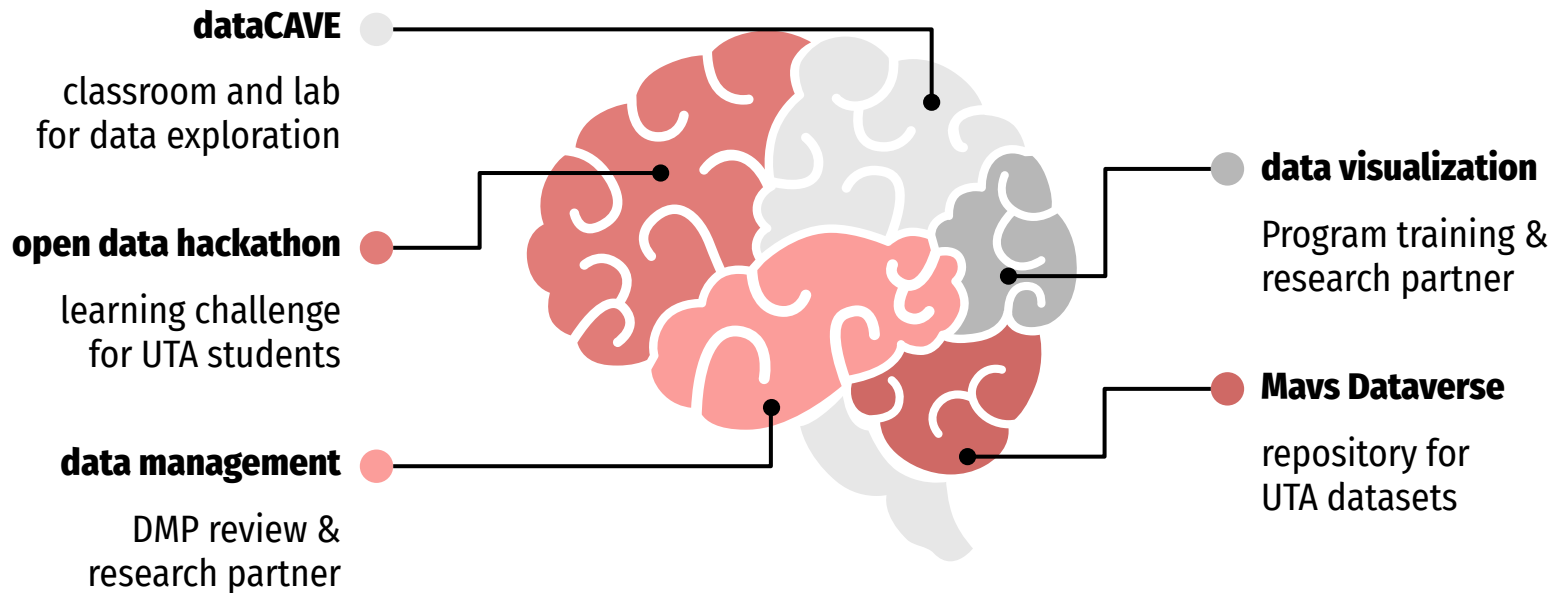
assisting with tools,
coordinating services
with statistician

05.

Sharing

advising on sharing,
providing a platform &
review services

Offerings.

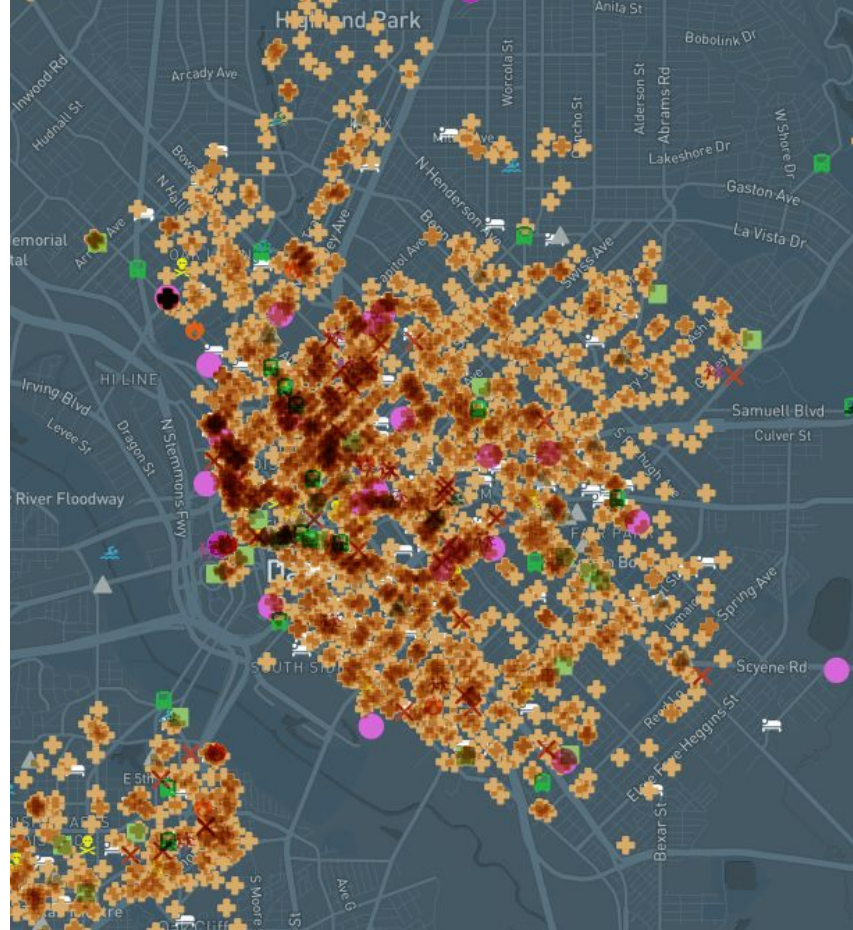


Visualizations.

The Dallas Death Map is a collaboration between RDS and Special Collections

Averages 100 views/month

Resulted in a presentation at the 2020 RDAP Summit



Visualizations.

The COVID-19 Dashboard had almost 4,000 views in over 2 months.

Resulted in a presentation at APHA & a paper on COVID-19 data availability.

The Novel Coronavirus Pandemic in the U.S.

About COVID-19

The first confirmed case of the novel coronavirus disease (COVID-19) was traced back to Wuhan, Hubei, China on December 1, 2019. By January 30, 2020, the World Health Organization declared the outbreak to be a Public Health Emergency of International Concern.

The first confirmed case in the U.S. was announced on January 21, 2020, and Texas had its first case on March 4, 2020 in Fort Bend County and its first death on March 16, 2020, in Matagorda County. The WHO declared the outbreak to be a pandemic on March 11, and the U.S. declared a national emergency on March 13. Even as many milder cases are untested and therefore unconfirmed, the U.S. now has the most cases in the world.

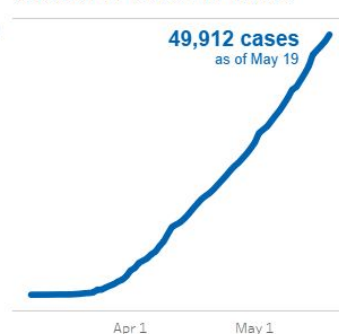
Information above adapted from https://en.wikipedia.org/wiki/2020_coronavirus_pandemic_in_the_United_States, https://en.wikipedia.org/wiki/2019%E2%80%932020_coronavirus_pandemic, and https://en.wikipedia.org/wiki/2020_coronavirus_pandemic_in_Texas

Updates

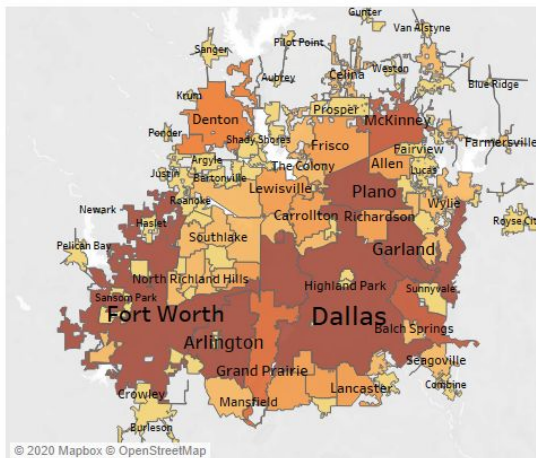
Dashboard is updated Wednesdays & Saturdays.

Data maintained by Peace Ossom-Williamson, Isaac Williams, Anahita Samadi, Kukhyoung Kim, and Suraj Lnu.

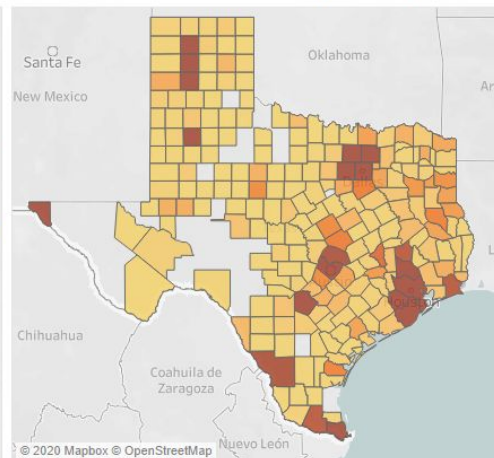
Growth of Cases in Texas



DFW Cities



Confirmed Cases in Texas by County





350 + 400

2019 DAVis workshop attendees & 2020 video views

What we have learned from creating Videos

- Viewers want videos that are broken into short segments that are relevant to their information needs.
- Keep it Simple- The videos should be streamlined and to the point.
- Viewers want to get necessary information and continue forward with the information-seeking process.
- They are excellent Digital Learning Objects(DLOs)

Upcoming.

In addition to virtual consultations & the creation of more videos, RDS plans to extend online services.

- Modules for independent learning
- Creating additional web resources: LibGuides & DMPTool
- Credentialing with badges & certificates

Digital Learning Objects

What type of digital learning object are you creating?

Integrated- Mini-Tutorials, Case Studies, Simulations.

Informational- Summaries, definitions, descriptions, models, examples, and overview.

Practice- Problems, drills, review exercises, assessments.

Digital Learning Objects.



- Viewers cannot ask questions.
- DLOs require a lot of preparation, editing, and captioning.
- DLOs can become outdated quickly.
- Videos should be short; so, less comprehensive.



- DLOs complement and reinforce in-person trainings & help.
- Viewers can go at the pace they need, rewind & stop and start later.
- Can build upon each other.
- DLOs reduce the number of times a presenter teaches on a topic.

Our Focus

- Promoting Data Literacy on Campus
- Using open data in teaching
- Visualizing data in a user friendly way
- Enabling students to engage with data through learning
- Help with Data Management Plans
- Growing our data repository by encouraging researchers to deposit and share their research data.

Thanks!

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