



# 10 free data sources to use in your class

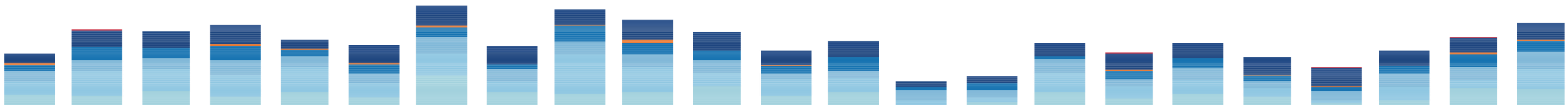
Jenny Richards | Sr. Data Artist, Tableau Software | [jrichards@tableau.com](mailto:jrichards@tableau.com) | @jnnyrchrds

August 30, 2017

## Welcome!

We'll get started in just a few minutes.

- All lines are muted
- Today's webinar is being recorded
- All registrants will receive the slides and recording via email
- Dial in or use your computer's audio
- Submit questions for the presenters via the Q&A panel

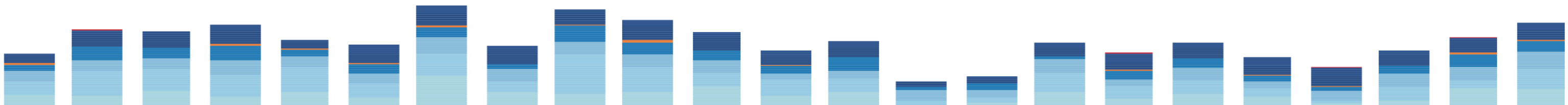


# Agenda

What to expect

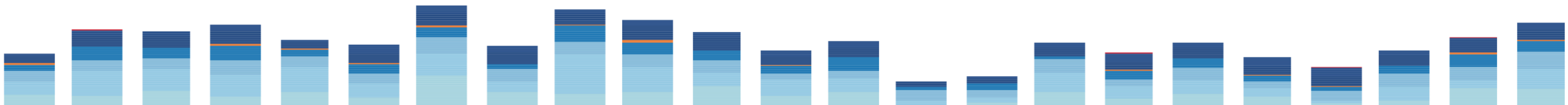
10 Data Sources

Where to go next



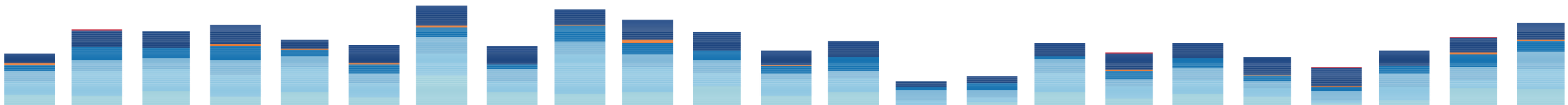
# What to expect

- Data sources, not specific data sets
- What subjects the data source covers
- Where to find the data
- What format the data takes



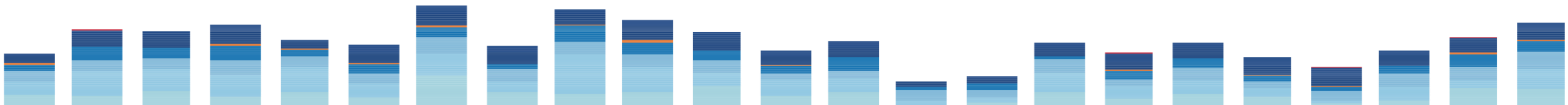
# What we're not covering

- Cleaning data
- Examples of visualizing data in Tableau
- Tech support issues with data

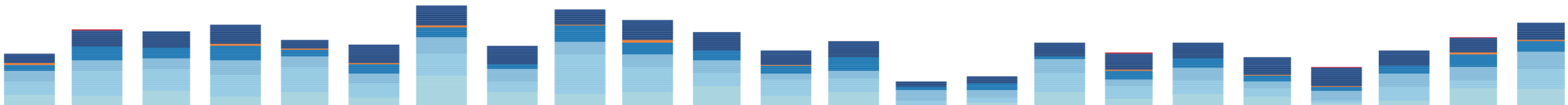
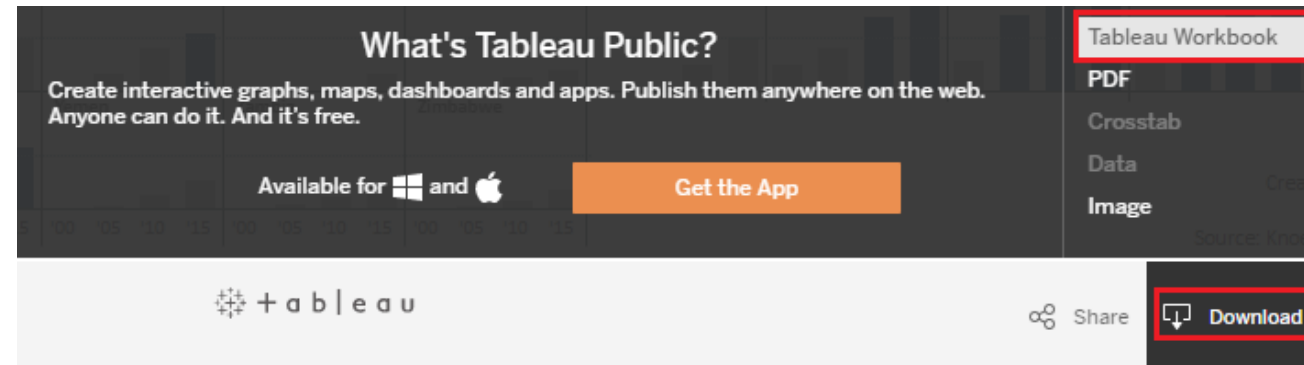
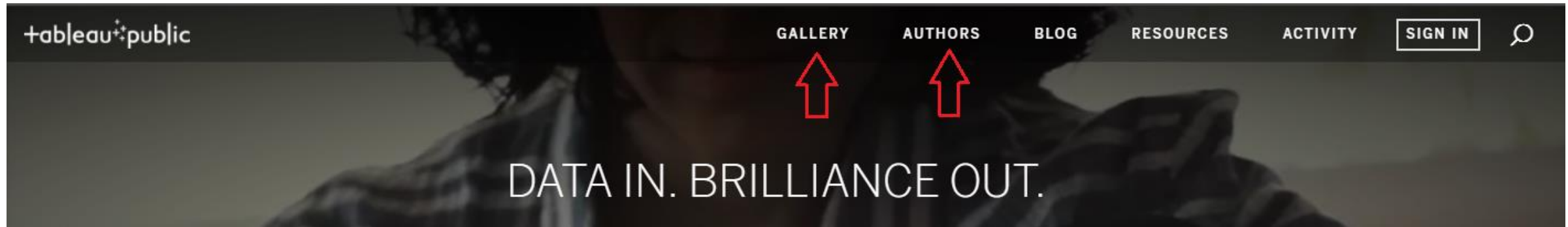


# Tableau Public

- Where: <http://public.tableau.com>
- What: data visualizations built using science, sports, health, social causes, entertainment, and government data
- How: Look for downloadable Tableau workbooks, and use the pre-formatted data to jump start your visualizations
- Format: TWBX (accessible through Tableau)

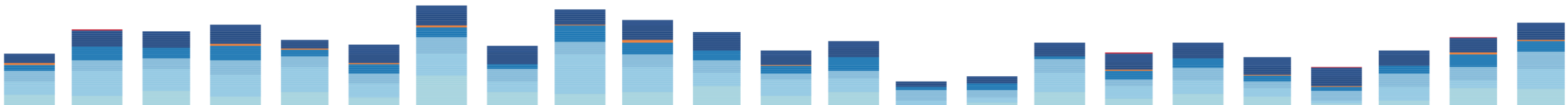


# Tableau Public



# Data is Plural

- Where: <http://tinyletter.com/data-is-plural/archive>
- What: a repository of data sources for science, sports, health, social causes, entertainment, government – almost anything you can imagine
- How: Subscribe for the weekly newsletter or look at the archive
- Format: varies, depends on the data source



# Data is Plural

## Data Is Plural

by [Jeremy Singer-Vine](#)

A weekly newsletter of useful/curious datasets. Archive available as a spreadsheet [here](#).

[View Letter Archive](#)

**SUBSCRIBE**

[TinyLetter's Privacy Policy](#)

## Data Is Plural

by [Jeremy Singer-Vine](#)

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August 02, 2017

### Data Is Plural — 2017.08.02 edition

\*The search for MH370, EU lobbyists, test scores, individual library checkouts, and philharmonic subscribers.\*

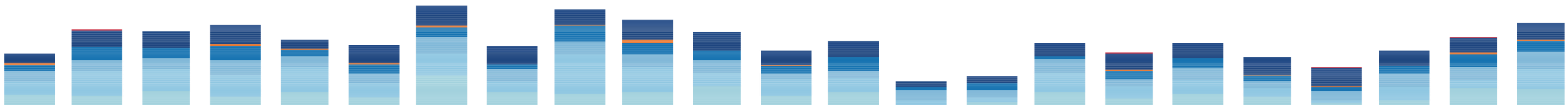
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July 26, 2017

### Data Is Plural — 2017.07.26 edition

\*Interned Japanese Americans, Trump visiting Trump, women who've run for the House, the Enron emails, and data about a data podcast.\*

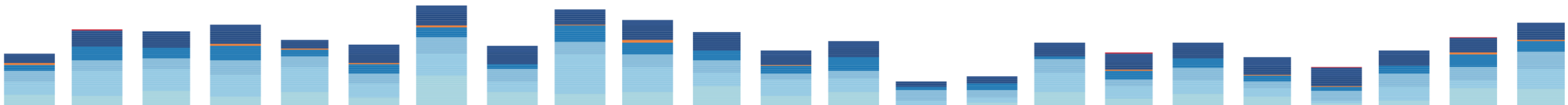
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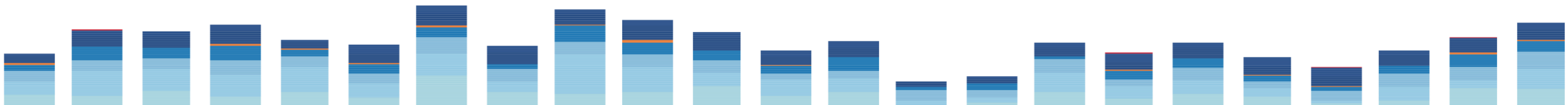
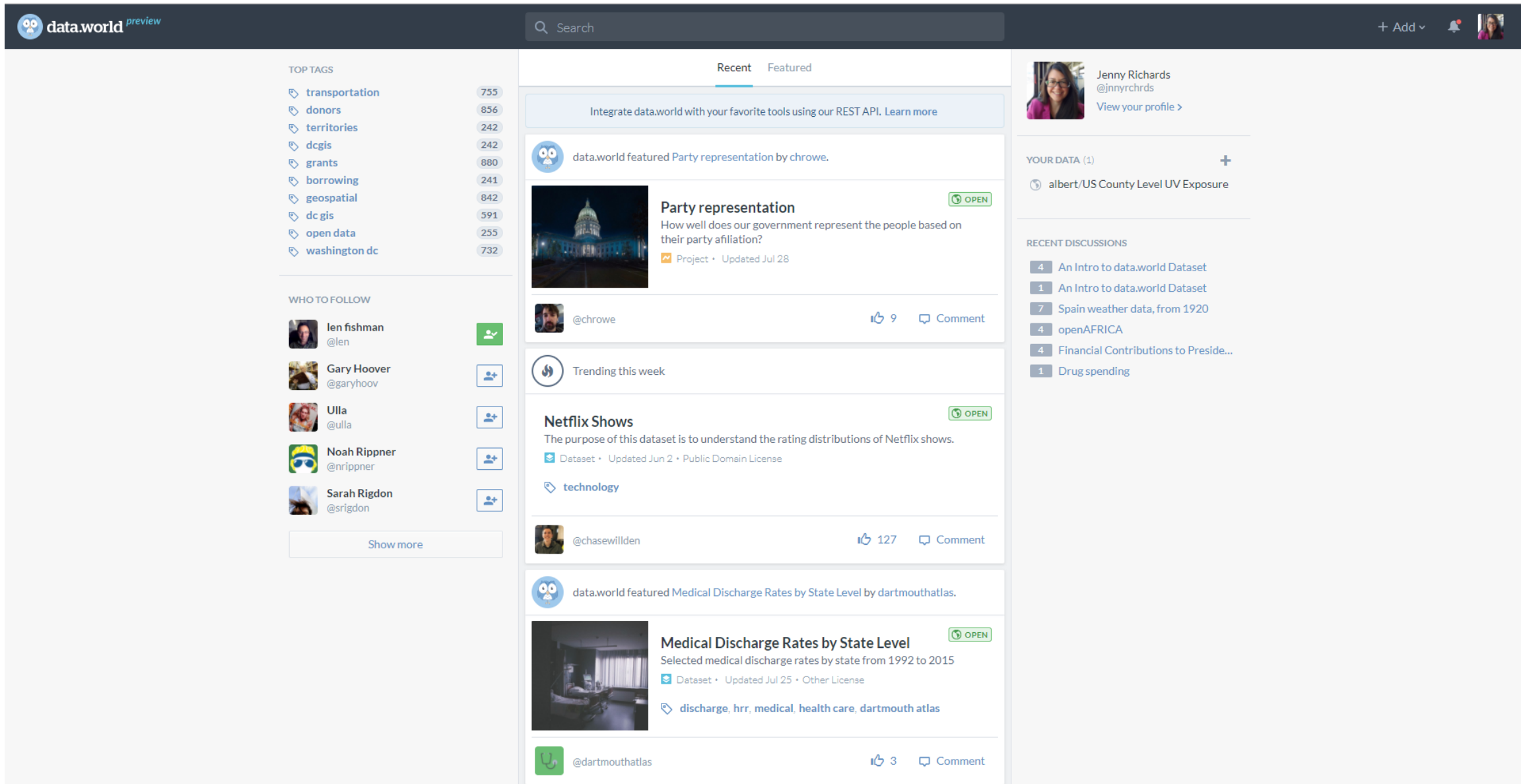


# data.world

- Where: <http://data.world>
- What: a social-based data resource that allows its community to share and clean/augment/improve data collectively
- How: Create a profile and then start searching for data
- Format: Varies. Often in table format, downloadable as CSV. Data source owners are very responsive and will often provide data in a different format upon request

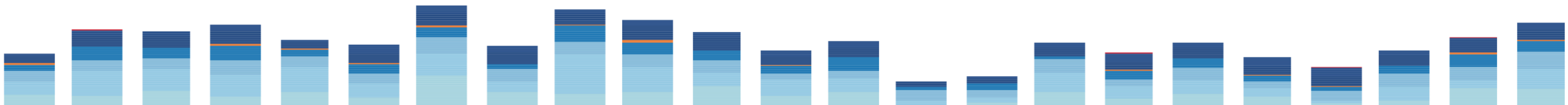


data.world



# Reddit - Datasets

- Where: <https://www.reddit.com/r/datasets>
- What: science, sports, health, social causes, entertainment, government – almost anything you can imagine
- How: Look at the threads directly, the megathreads (for elections, financial, climate and social), or the subreddits
- Format: Varies, depending on the data type and its original source



# Reddit - Datasets

MY SUBREDDITS ▾POPULAR - ALL - RANDOM | ASKREDDIT - FUNNY - PICS - TODAYILEARNED - WORLDNEWS - AWW - GIFS - GAMING - VIDEOS - NEWS - MOVIES - SHOWERTHOUGHTS - TIFU - MILDLYINTERESTING - SPORTS

DATASETS

Search

HOTNEWRISINGTOPGILDEDWIKI

5

META

Monthly discussion thread | August, 2017

self.datasets

Submitted 6 days ago by AutoModerator

announcement

comment share report

24

visualization

Hey all. I wanted to let you know that /r/DataVizRequests exists and is being revived! If you have a dataset you'd like to see visualized, feel free to make a request!

reddit.com

Submitted 9 days ago by zonation

announcement

comment share report

20

dataset

Reddit July, 2017 comments are now available. Another new record breaks 80 million comments for one month!

self.datasets

Submitted 9 hours ago \* by Stuck\_In\_the\_Matrix

pushshift.io

2 comments share report

3

resource

I Created a Dataset of Budget Airlines around the World with their Fleet Sizes and Number of Destinations Served [Google Sheets]

drive.google.com

Submitted 3 hours ago by jbp12

comment share report

•

request

[Help] Looking for SP500 company communications from 2007-present

self.datasets

Submitted 39 minutes ago by ilovedatasets

comment share report

1

dataset

NASDAQ financial fundamentals

medium.com

Submitted 2 hours ago by riku\_iki

comment share report

19

dataset

[dataset] 100K Coursera's Course Reviews Dataset

kaggle.com

Submitted 18 hours ago by septa97

comment share report

## Subreddit Info

33 currently online

Datasets for Data Mining, Analytics and Knowledge Discovery

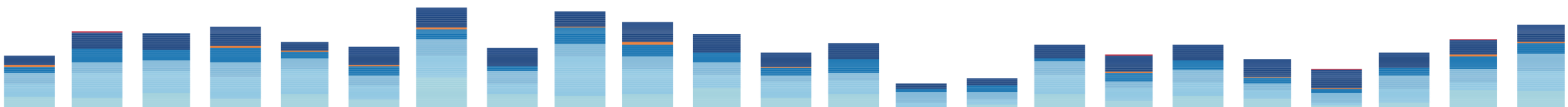
### Megathreads:

- Election Data
- Stocks, Bonds and Financial Markets
- Weather and Climate
- Social
- Cleaning data
- Managing datasets(metadata)

### Related Subreddits:

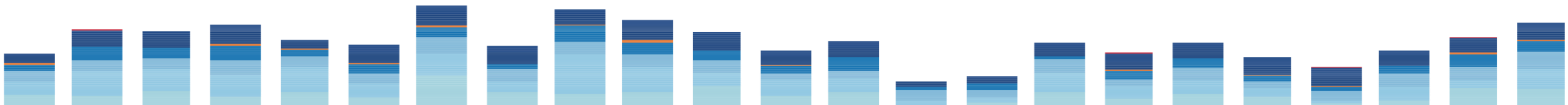
- /r/BigQuery
- /r/DataIsBeautiful
- /r/datamining
- /r/datascience
- /r/DataVizRequests
- /r/Infographics
- /r/OpenData
- /r/SampleSize
- /r/statistics
- /r/Tableau
- /r/Visualization
- /r/WordCloud

> Request User-Flair



# American Fact Finder

- Where: <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>
- What: US demographic data, shape files
- How: Use the Guided or Advanced Search to narrow down to the data level you need. There's also a [YouTube video](#) on how to navigate AFF presented by the Census folks to the Tableau Community.
- Format: CSV and SHP (shape files) downloads



# American Fact Finder



[MAIN](#) [COMMUNITY FACTS](#) [GUIDED SEARCH](#) [ADVANCED SEARCH](#) [DOWNLOAD CENTER](#)

 Check out the early preview of our new dissemination platform at [data.census.gov](https://data.census.gov).

 **Community Facts**

Find popular facts (population, income, etc.) and frequently requested data about your community.

Enter a state, county, city, town, or zip code:  
 [GO](#)

 **Guided Search**

 **Advanced Search**

 **Download Center**



**Popular Tables**

Population and Housing

- [Annual Population Estimates \(2016 PEP, PEPANNRES\)](#)
- [Demographic and Housing Estimates \(2015 ACS, DP05\)](#)
- [General Housing Characteristics \(2015 ACS, DP04\)](#)
- [General Demographic Characteristics \(2010 Census, DP-1\)](#)

Poverty and Income

- [General Economic Characteristics \(2015 ACS, DP03\)](#)

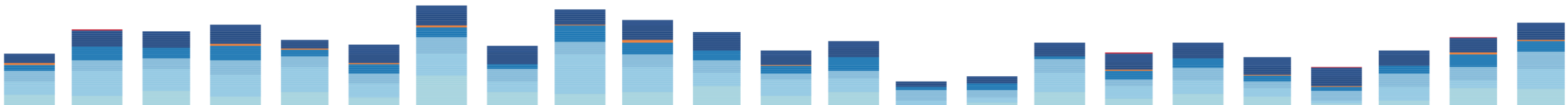
Age, Race, Sex and Education

- [Selected Social Characteristics \(2015 ACS, DP02\)](#)
- [Educational Attainment \(2015 ACS, S1501\)](#)



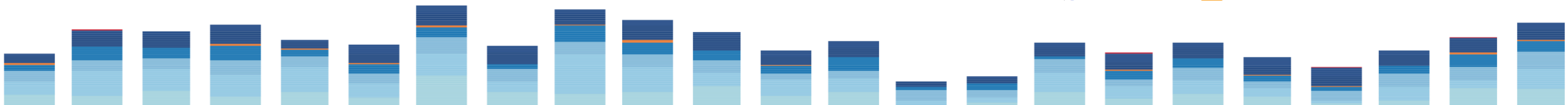
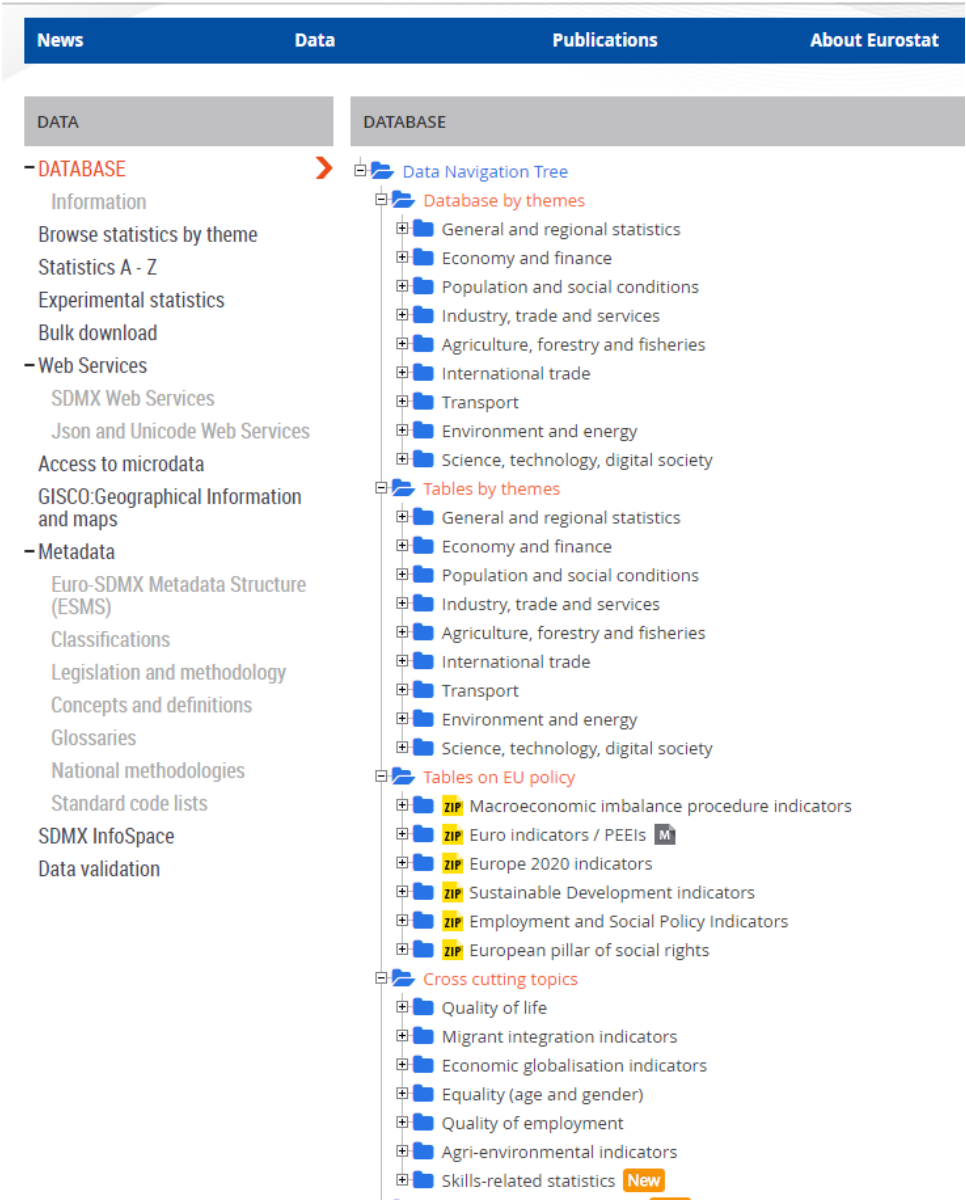
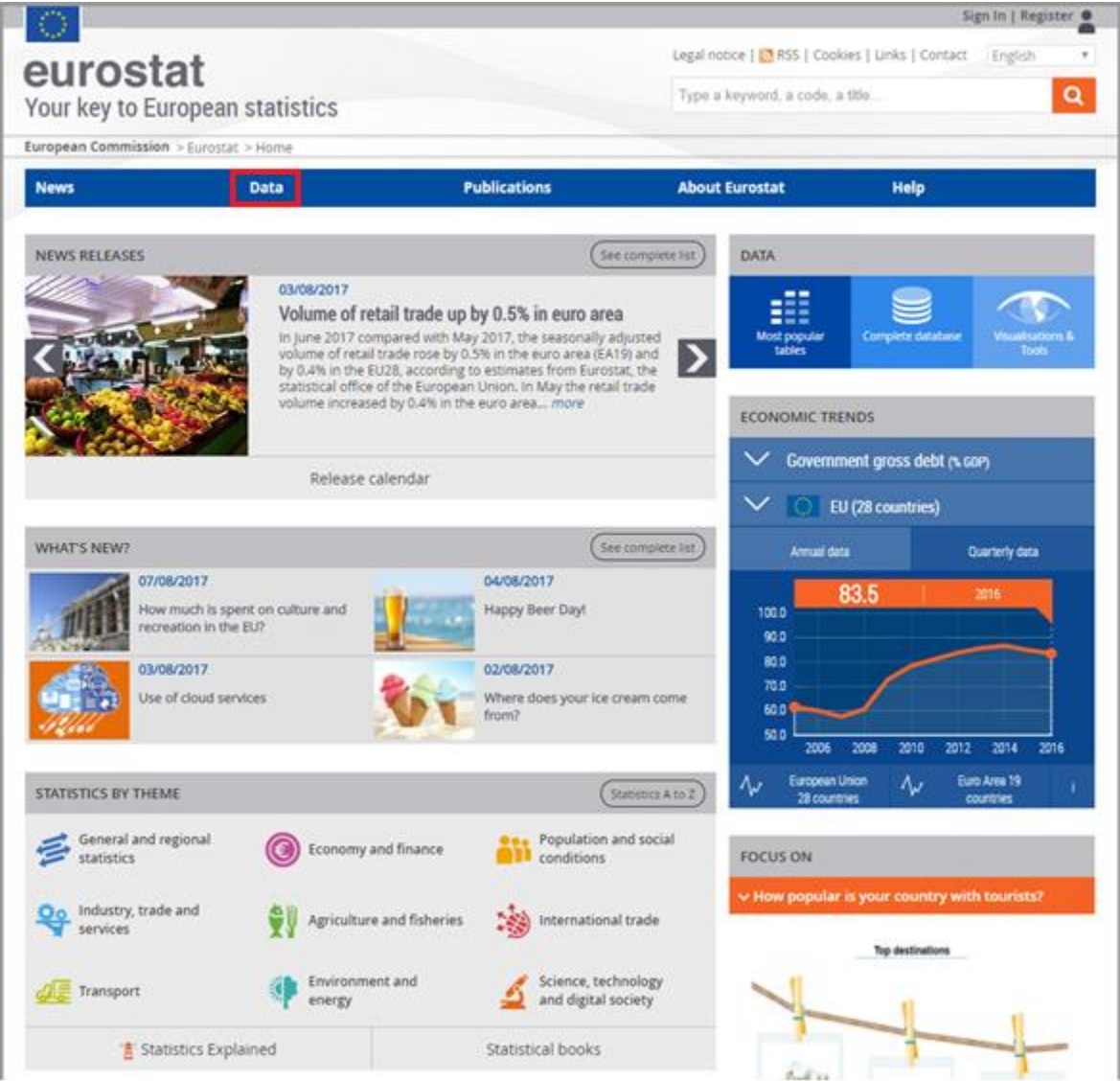
# Eurostat

- Where: <http://ec.europa.eu/eurostat>
- What: general, regional, industry, culture, transport, economy, social, population, science and trade
- How: Search the statistics by theme or the Statistics A to Z
- Format: CSV, Excel, HTML, SPSS, TSV





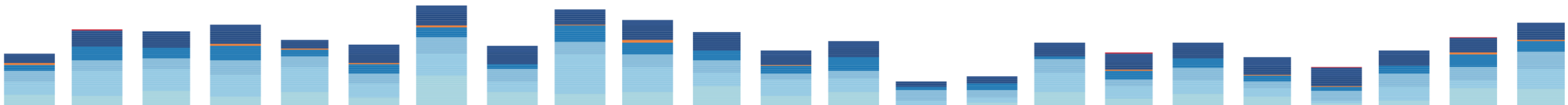
# Eurostat





# Flowing Data

- Where: <http://flowingdata.com/category/statistics/data-sources/>
- What: Catalog of data sources, described in detail and shown with examples
- How: Look in the feed for an interesting topic, or look at the Favorites for ideas
- Format: Varies, based on data source



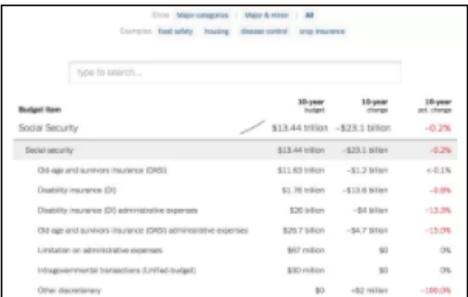
## Data Sources

Have fun and play with some numbers.

### Searchable budget proposal and the 10-year change

MAY 24 2017 | [DATA SOURCES](#) | TAGS: [BUDGET](#), [GOVERNMENT](#)

The administration released a budget proposal yesterday, which as you'd expect contains some big shifts. The New York Times calculated “the changes over 10 years, compared with projected spending under...



Budget item	10 year budget	10 year change	10 year pct. change
Social Security	\$13.44 trillion	-\$23.1 billion	-0.2%
Old age and survivors insurance (OASI)	\$11.63 trillion	-\$1.2 billion	-0.1%
Disability insurance (DI)	\$1.76 trillion	-\$1.9 billion	-0.9%
Disability insurance (DI) administrative expenses	\$26 billion	-\$4 billion	-13.2%
Old age and survivors insurance (OASI) administrative expenses	\$25.7 billion	-\$4.7 billion	-15.0%
Limitation on administrative expenses	\$67 million	\$0	0%
Intergovernmental transactions (unified budget)	\$30 million	\$0	0%
Other discretionary	\$0	-\$2 billion	-100.0%

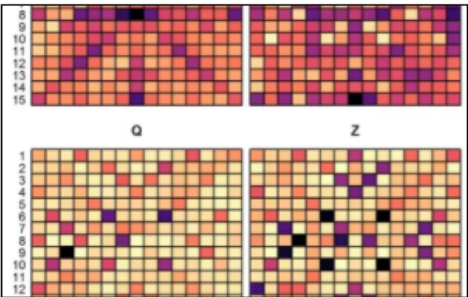
**Become a member.**  
Learn to visualize your data.  
From beginner to advanced.

[WHAT YOU GET](#)

### Scrabble data and analysis

MARCH 29 2017 | [DATA SOURCES](#) | TAGS: [R](#), [SCRABBLE](#)

Looking for some data to play with? James P. Curley compiled Scrabble data using computer-played games in Quackle Scrabble. Check out his summary analysis or grab the data for yourself...



### Categories

**Visualization**  
*Seeing data*

**Statistics**  
*Analyzing data*

**Maps**  
*Seeing geographic data*

**Software**  
*Working with data*

**Infographics**  
*Explaining data*

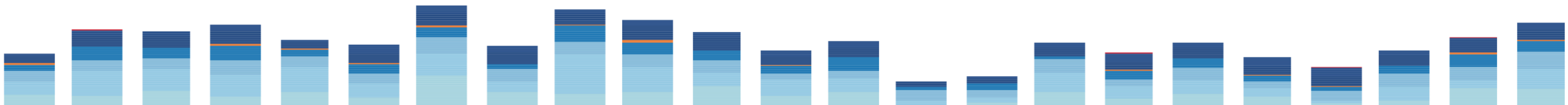
**Sources**  
*Getting data*

**Networks**  
*Connecting data*

**Design**  
*Making data readable*

# UN Data

- Where: <http://data.un.org/>
- What: demographics, global health, education, crime, environment, gender
- How: Go to More, Advanced Search. Use the Search box to search all sources for specific topics.
- Format: XML, CSV

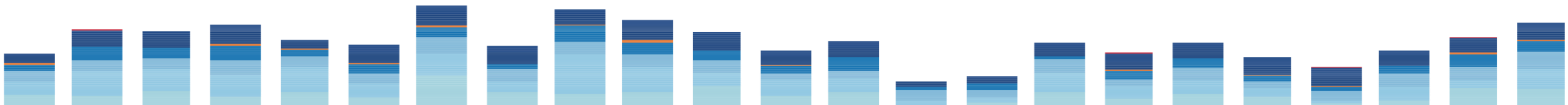


# UN Data




# USA Facts

- Where: <https://www.usafacts.org>
- What: federal, state and local data from US-based government sources
- How: Search topics or use the headers at the top
- Format: CSV



# USA Facts


THE BIG PICTUREFINANCESPOPULATIONMISSIONSREPORTSNEWSABOUT



USA FACTSBETA

# Our nation, in numbers.

Federal, state, and local data from over 70 government sources



Where does the money come from?


What are the results?


Where does the money go?

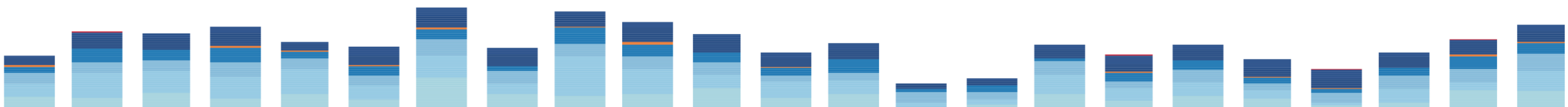
NEWS

## Inaugural "state of the facts" poll

Check out the inaugural "state of the facts" poll which finds Americans yearning for trusted facts and unbiased information about government.

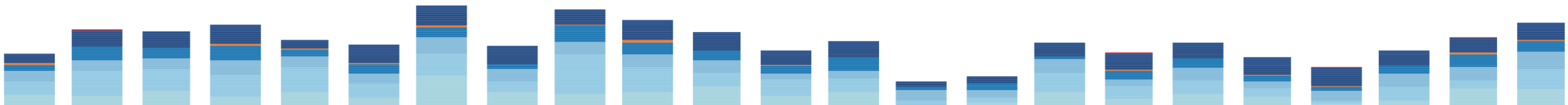
Explore the poll results

Press release

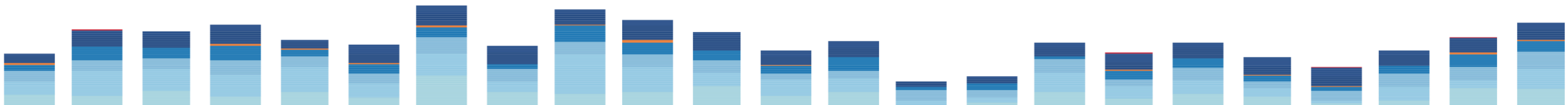
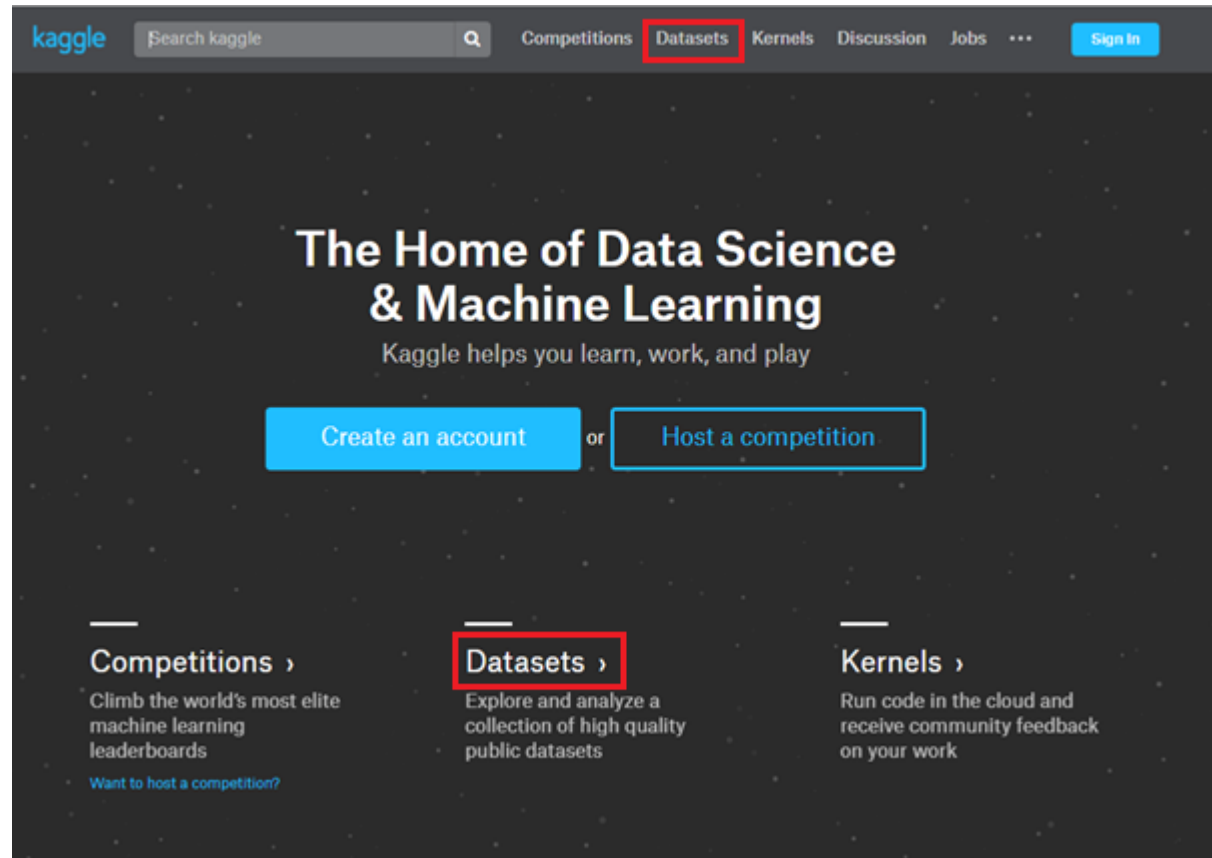


# Kaggle

- Where: <https://www.kaggle.com>
- What: open data
- How: Use the search box for specific terms, or scroll through the featured datasets to explore
- Format: CSV



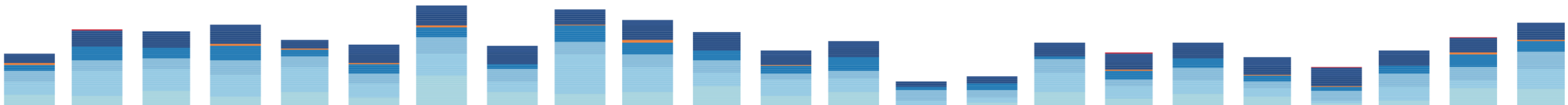
# Kaggle

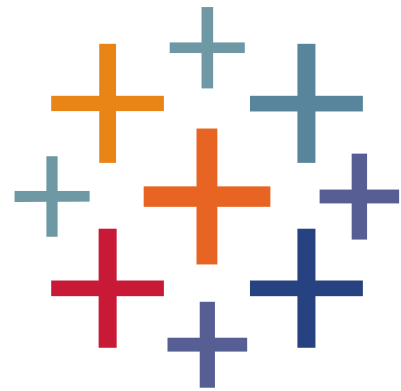




# Where to go next

- This presentation will be available after the webinar
- A more complete list will be available after the webinar





+ able au<sup>®</sup>