

FEATURES & BENEFITS

Data work made easier.

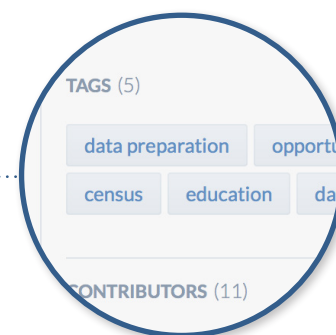
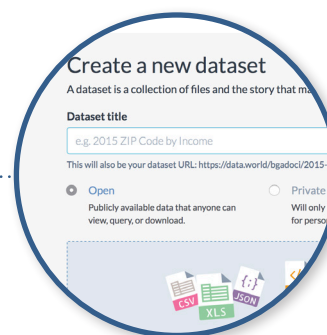
- Collaborate in private or public workspaces
- Search for and discover new data
- Keep data and context together
- Explore quickly before going deep
- Transform data easily for faster prep
- Write and share powerful queries
- Integrate into your workflow with APIs and SDKs

Collaborate in private or public workspaces.

Solve problems faster by linking data and people in context

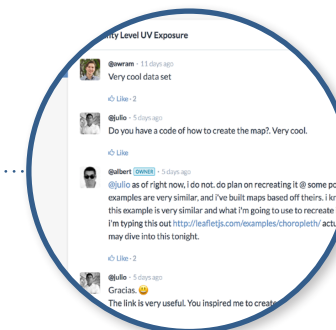
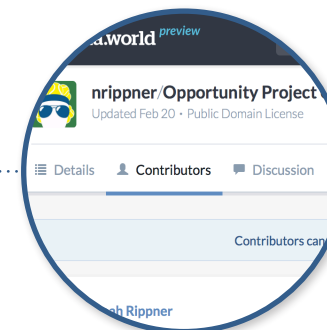
Share your data, findings, and visualizations.

- Create new datasets and increase discoverability with metadata, tags, and rich descriptions
- Manage access with public and private datasets, invites, and user permissions



Connect with your community.

- Contribute to existing data projects of interest
- Start and join discussions, ask questions, and share hypotheses



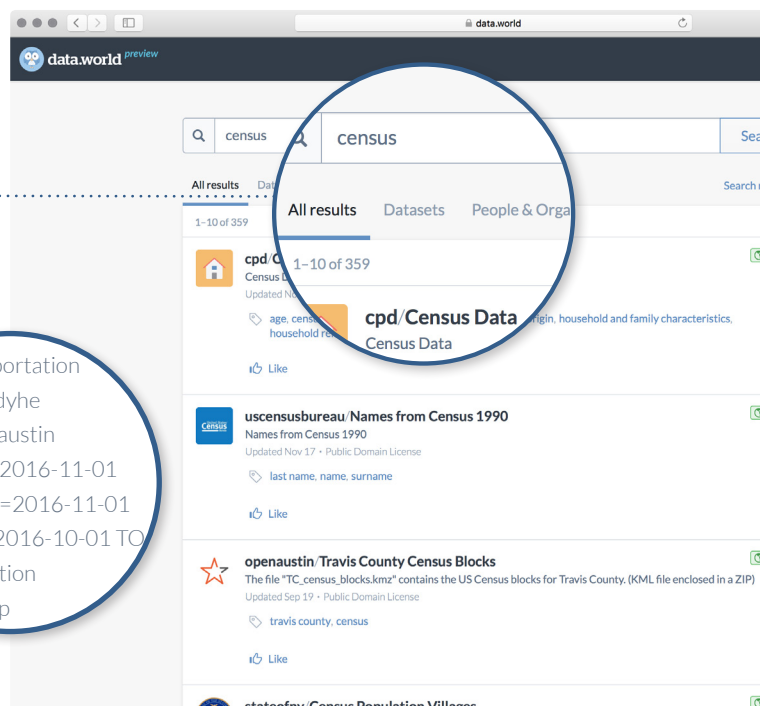
Discover new data.

Search your organization's data as well as thousands of public datasets, projects, and sources

Find the data you need.

- Browse data on topics ranging from finance to health to sports and politics
- Search for data by title, user, tag, table name, column header, create date, date of last update, and more
- Filter searches to view only datasets, or people and organizations

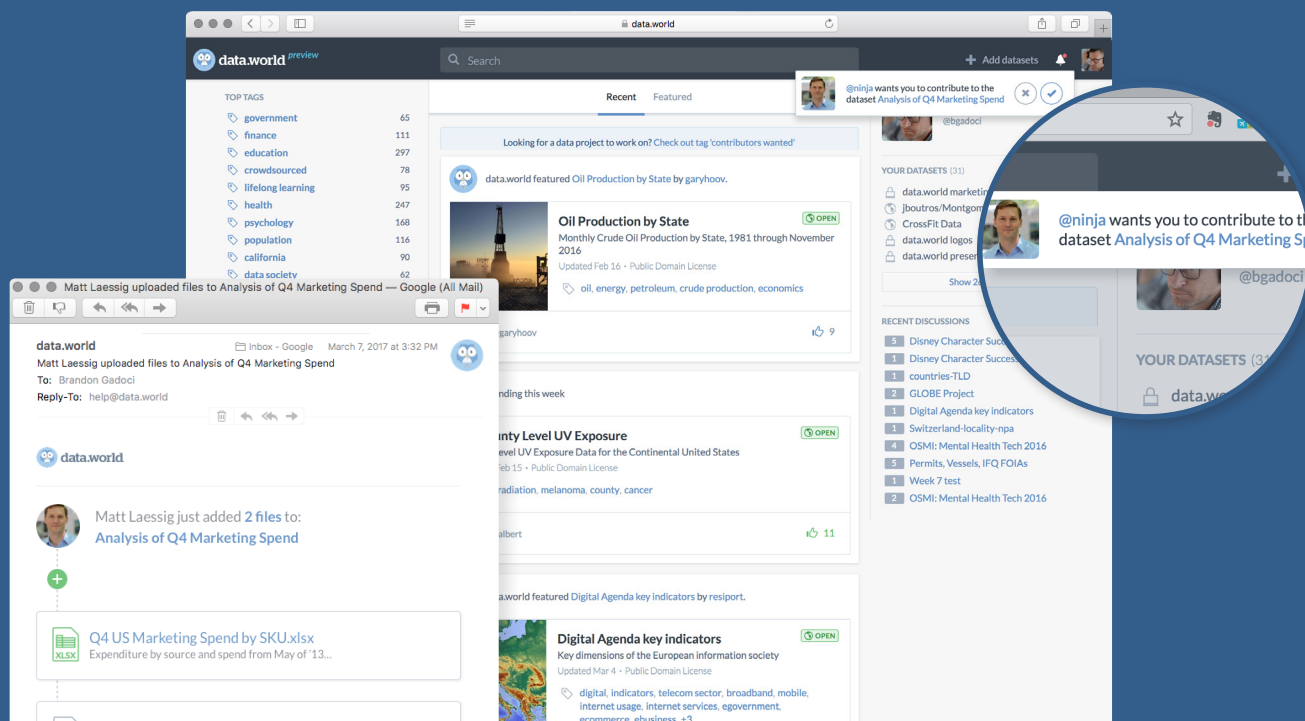
tag:transportation
user:wendyhe
org:cityofaustin
created:>2016-11-01
created:<=2016-11-01
created:[2016-10-01 TO
table:election
column:zip



Stay in the loop on activity you care about

Check your personalized activity feed for trending and relevant data

Get notified and stay current on your data projects and topics of interest



Keep data and context together.

Context lives alongside the data — descriptions, metadata, documentation, annotations, licenses, scripts, notebooks, analysis, visualizations, and other output

Capture and share everything needed to fully understand and use your data

Documentation
and Rich Summaries

Edit summary

This dataset contains data and analysis from the article *Do State Department Travel Warnings Reflect Real Danger?* (<https://blog.data.world/2017/03/09/do-state-department-travel-warnings-reflect-real-danger-be4156970722>).

Key findings

- On the whole, there is a significant relationship between the number of American deaths abroad per capita and the number of travel warnings a country receives.
- Israel have been targeted by the most travel warnings in recent years, but Americans are more likely to travel to Israel than to countries with relatively high rates of American death have not been issued a single travel warning in ~7 years.
- Relatively low rates of American death have been issued a relatively high number of travel warnings including Israel, Turkey, and Saudi Arabia.
- Travel warnings do not see notable declines in American visitors in the 6 months after a warning is issued.

File Descriptions

About this file

OWNER @travelwarnings
CREATED March 09, 2017
SIZE 3.2 KB
LABELS + Add labels
DESCRIPTION + Add a description

Displaying 2 columns in table

Code	Description
0 (0%)	12
0 (0%)	103

Notebooks

```
[2]: from __future__ import division
def evaluate(exp):
    "eval exp, or return None if the expression is not a valid R expression"
    try:
        return eval(exp)
    except ArithmeticError:
        return None
```

We'll try each of the four operators in the expressions that evaluate to 2016:

Licenses

Public Domain License

Column
Descriptions

Description

TYPE string
DESCRIPTION + Add a description
SAMPLE VALUES
Afghanistan
Zimbabwe

Scripts

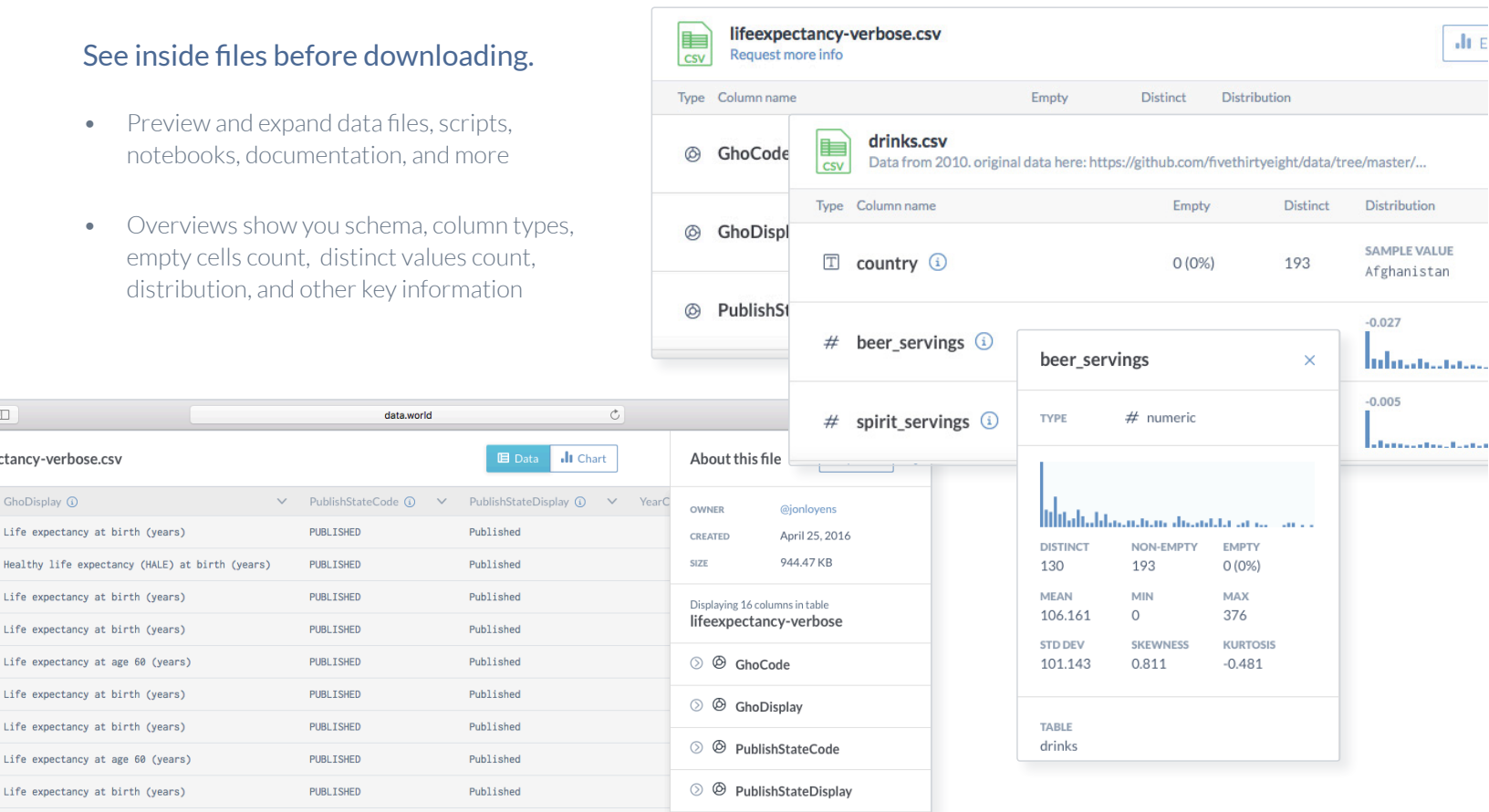
```
# Load data
countrycodes <- read.csv("http://data.world/2017/03/09/do-state-department-travel-warnings-reflect-real-danger-be4156970722")
library(rio)
regions <- import("https://query.data.world/v/2017/03/09/do-state-department-travel-warnings-reflect-real-danger-be4156970722")
regionsonly <- regions[, c("name", "iso_3166-2")]
SDwarnings <- read.csv("https://data.world/2017/03/09/do-state-department-travel-warnings-reflect-real-danger-be4156970722")
```

Explore quickly before going deep.

File previews of structured data let you quickly understand size, shape, and descriptive statistics

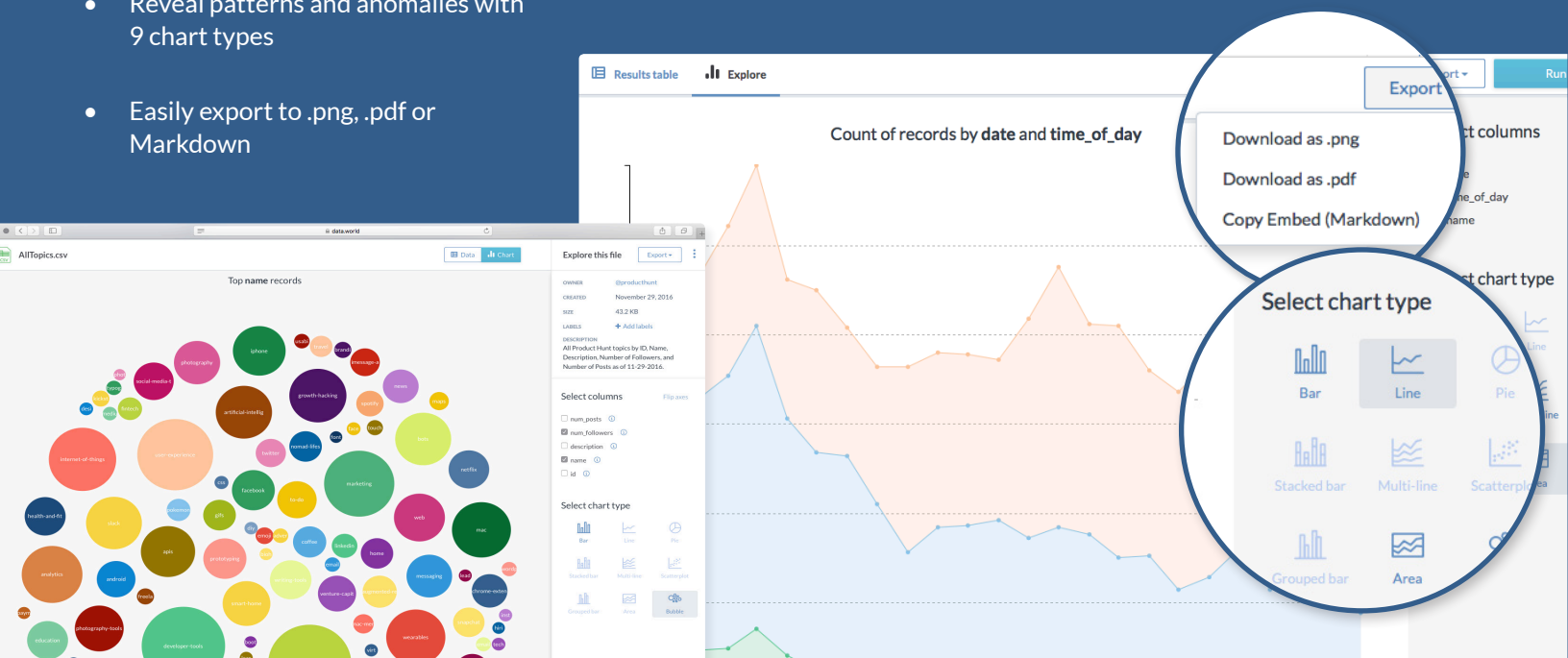
See inside files before downloading.

- Preview and expand data files, scripts, notebooks, documentation, and more
- Overviews show you schema, column types, empty cells count, distinct values count, distribution, and other key information



Quickly find and understand hidden insights with exploratory visualizations

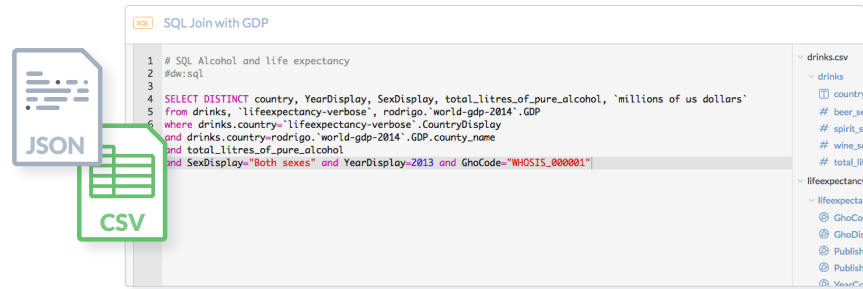
- Reveal patterns and anomalies with 9 chart types
- Easily export to .png, .pdf or Markdown



Transform data for faster prep.

Spend less time on ETL and start analyzing sooner

- Upload CSV and JSON, write SQL immediately
- Easy ETL to a robust, scalable, query API endpoint



Write and share powerful queries.

Easily write federated dataset queries and joins across disparate files, formats, and accounts

Query within and across datasets.

- Write SQL and SPARQL with no need to create a database
- Execute queries among multiple files and datasets effortlessly - various file types are automatically normalized

Save results as .csv

Copy download URL

Copy Python/Pandas code

Copy R code

country	YearDisplay	SexDisplay	total_litres_of_pure_alcohol	millions of us dollars
Afghanistan	2013	Both sexes		0.0
Albania	2013	Both sexes		4.9
Azerbaijan	2013	Both sexes		1.3
Madagascar	2013	Both sexes		0.8
	2013	Both sexes		1.5
	2013	Both sexes		0.3
	2013	Both sexes		0.0
	2013	Both sexes		0.6
	2013	Both sexes		6.6
	2013	Both sexes		0.0
	2013	Both sexes		2.6
	2013	Both sexes		5.5
	2013	Both sexes		4.9

Save and share your queries.

- Let your team run your queries and see your results
- Export results in CSVs, or make direct API connections to pull data as data frames into Python, R, etc.

Integrate into your workflow with APIs and SDKs.

Move your data effortlessly through your preferred toolchain and workflow

Work locally and sync changes to data.world.

- Pull your data from other sources through URLs and hotlinks
- Push your data to data.world from other tools using SDKs, web hooks, and scripts

Export and call data with minimal effort.

- Full suite of APIs for programatic access (REST APIs) from your preferred tools
- SDKs for accessing your data from your favorite environment (R and Python / Pandas)
- UI designed for easy export (data frames, query results, visualizations)

API Token

Third party integrations may require an API token for access. This token is linked to your account and has the same permissions.

eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJwcm9kLXVzZXItY2xpZW50OmJ9

[Reset Token](#) [Copy](#)

```

In [1]: import datadotworld as dw
In [2]: intro = dw.load_dataset('jonloyns_an-intro-to-data')
100% (1748 of 1748) |#####|
In [3]: intro.describe()
Out[3]:
{'homepage': 'https://data.world/jonloyns_an-intro-to-data',
 'name': 'jonloyns_an-intro-to-data',
 'resources': [{'format': 'csv',
                  'name': 'anintrotoadata.worldDatasetChangeLog-Sheet1.csv',
                  'path': 'data/anintrotoadata.worldDatasetChangeLog-Sheet1.csv',
                  'schema': {'fields': [{'name': 'Date', 'title': 'Date', 'type': 'date'},
                                         {'name': 'Change', 'title': 'Change', 'type': 'string'}]},
                  'format': 'csv',
                  'name': 'datadotworldballstats',
                  'path': 'data/DataDotWorldBallStats.csv',
                  'schema': {'fields': [{'name': 'Name', 'title': 'Name', 'type': 'string'},
                                         {'name': 'PointsPerGame', 'title': 'PointsPerGame', 'type': 'number'},
                                         {'name': 'AssistsPerGame', 'title': 'AssistsPerGame', 'type': 'number'}]},
                  'format': 'csv',
                  'name': 'datadotworldbballteam',
                  'path': 'data/DataDotWorldBBallTeam.csv',
                  'schema': {'fields': [{'name': 'Name', 'title': 'Name', 'type': 'string'},
                                         {'name': 'Height', 'title': 'Height', 'type': 'string'},
                                         {'name': 'Handedness', 'title': 'Handedness', 'type': 'string'}]}}]}

In [4]: stats_df = intro.dataframes('datadotworldballstats')
In [5]: stats_df.head()
Out[5]:
   Name  PointsPerGame  AssistsPerGame
0   Jon             20.4              1.3
1   Rob              15.5              8.0
2  Sharon             30.1             11.2
3   Alex              8.2              0.5
4  Rebecca             12.3             17.0

```

Files added via URL can be kept up to date with the source.

[Add file from URL](#)

About data.world

data.world is where data people work together to solve problems faster. The Austin-based Public Benefit Corporation serves the research, public sector, and enterprise communities by speeding up data work and creating shared context to preserve and perpetuate essential project knowledge.



To learn more about data.world and speak to one of our team, please contact help@data.world