Data Liberation
Innovative Tools and Techniques

Michelle Riordan-Nold
Executive Director
APDU Conference 2017
Our Mission & Our Work

Striving for informed decision-making across Connecticut, we empower an ecosystem of data users by democratizing access to public data and building data literacy.

Make data accessible

Liberate data

Increase data literacy
The task....

Build a data portal
Here's the data

CD: CT BUSINESS DATE 2/10/16
Good luck.
Results

• Business Formation Data Portal
Business Formation Data Portal

Connecticut Businesses

Exploring Business Formation Patterns in Connecticut

In partnership with the Connecticut Secretary of the State, the Connecticut Data Collaborative is excited to present business formation data from January 1990 to March 2017. This is the first time this data has been made open and accessible.

Here you will find two ways to explore the data: Visualize formations over time or compare a subset of towns. You can also search for businesses on our dedicated search portal.

Formations over time
Explore formation patterns by county or town by year, quarter or month, and by business type. Visualize the data on a map or in a bar chart.

Compare Towns
Interested in a particular town's data? Or have a group of towns you want to explore? This tool allows you to compare data for a particular town against 4 additional towns of your choosing.

c_tbusiness.ctdata.org
Results

- Business Formation Data Portal
- Robust Search Engine
Robust search engine

Connecticut Business Registration Data
Search for CT businesses registered with the Secretary of the State.

Search > Advanced Search
Search: Business Name
For: Enter term to search for...

Limit by Start Date of Business
Start Date: 1900-01-01
End Date: 2016-08-01

The business registration database contains businesses with start dates as early as 1790.

Active businesses only? √
Select one or more business types:
- All Entities
- Corporation
- Domestic Limited Partnership
- Foreign Limited Partnership

searchctbusiness.ctdata.org
How we did it

- First built a data validation pipeline
- Built a new database
- Analysis/discovery of newly available data
Business Inquiry

Search by Name:

Search by Business ID:

Search by Filing Number:

The wildcard search can be done on Business names using the asterisk symbol *. Example: Search for business name Hartford*. Result: All businesses with business name starting Hartford will be displayed.

Number of Records per page:

25

Search  Reset
Value Add

- Technology solutions that address the problem
- Flexibility to choose open source tools to fit the problem
- Standardize data not collected uniformly
- Make data more discoverable and downloadable
Newly liberated data: Consider the possibilities....

- Entity Resolution - create a master business list for the state
- Geocode and map all businesses in the state
- Link these data with Department of Labor data
Thank you!

Michelle Riordan-Nold
Executive Director
mrn@ctdata.org
860.571.6214

Check out our site:
www.ctdata.org