



2022 HACC Presentation

ONLINE DATA VISUALIZATION

October 15, 2022



About Us



John

Project Manager



Ian

Jr System Administrator

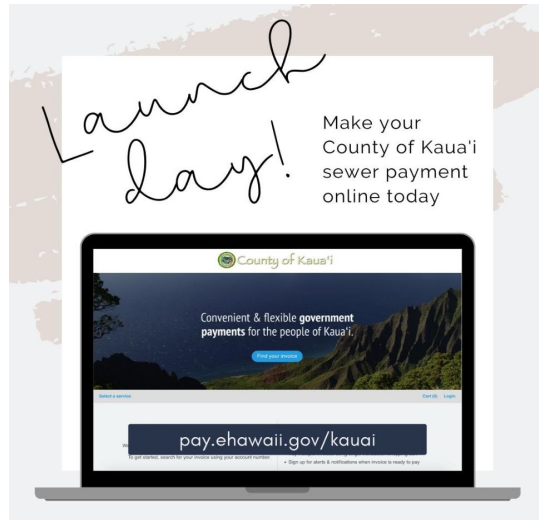


Rika

Front End Developer

About NIC Hawaii

We develop online services to help citizens conveniently do business with the state or county 24/7 from anywhere without having to visit agency offices.





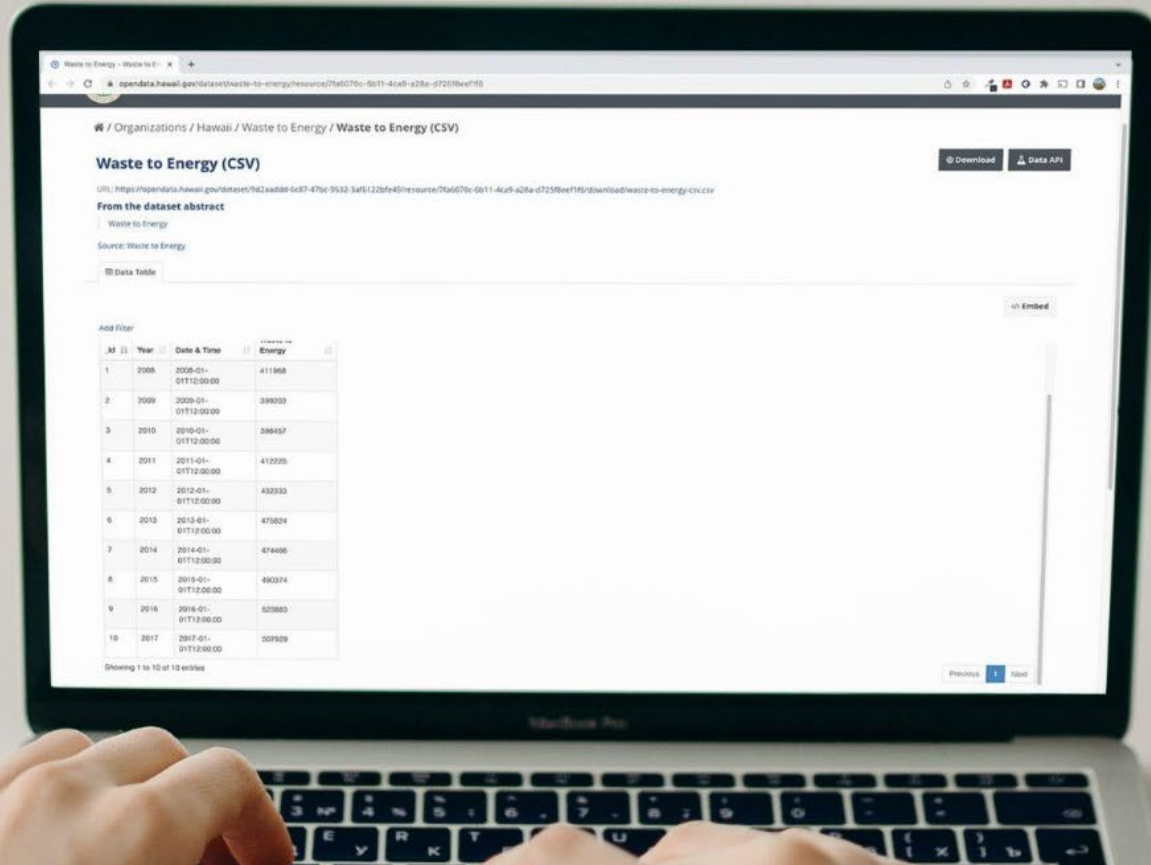
The Challenge

- Problem
- Solution
- Wrap up

Opendata.Hawaii.Gov



The Problem



Waste to Energy - Waste to Energy

URL: <https://opendata.hawaii.gov/dataset/7d2eadd8-6c87-479c-9532-3465122bfe40/resource/7fa6070c-d611-4ca9-a28a-d721018eeff88>

From the dataset abstract

Waste to Energy

Source: Waste to Energy

Data Table

Add Filter

#	Year	Date & Time	Energy
1	2008	2008-01-01T12:00:00	411968
2	2009	2009-01-01T12:00:00	399303
3	2010	2010-01-01T12:00:00	388457
4	2011	2011-01-01T12:00:00	412226
5	2012	2012-01-01T12:00:00	433333
6	2013	2013-01-01T12:00:00	475624
7	2014	2014-01-01T12:00:00	474466
8	2015	2015-01-01T12:00:00	490274
9	2016	2016-01-01T12:00:00	523883
10	2017	2017-01-01T12:00:00	509329

Showing 1 to 10 of 10 entries

Previous 1 Next

The Goal

Provide an online tool to streamline the process of displaying data from <https://opendata.hawaii.gov> by providing dynamic data visualizations for users of the site.

The Solution



Solution Specifics

Build new site with options to link data from <https://opendata.hawaii.gov/dataset>

The following attributes should be considered as part of the solution wherever possible:

- The user can select the type of **dynamic** data visualization to display from the specific dataset selected (e.g., bar chart, graph, etc.)
- The user can see the dynamic data visualization and set options for labels (location, with line pointers, etc.), colors, etc.
- The data visualization can be published, and user can then copy the URL.
- The data visualization can also potentially be downloaded as an image file (e.g., JPG, PNG, PDF).
- The user can jump back to any step and edit the data source or data visualization options.

Key Points

- Primary data engine to link to: <https://opendata.hawaii.gov/>
- Dynamic data visualization
- Functionality specifics:
 - Provide ability to edit the visualization
 - Provide ability to publish to a URL (User can then share the URL)
 - Provide ability to download as an image file (e.g., JPG, PNG, PDF)

Mahalo!

