Go Code Colorado 2020 Idea Submission

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Idea Title: Training Videos for Colorado Information Marketplace Subject Matter Area Datasets

Issue Identification
The Colorado Information Marketplace website can be overwhelming with many variations on basic datasets, lack of metadata, outdated datasets, and other issues that limit the public's ability to effectively use datasets. The Socrata training videos explain the generic mechanics of using a dataset but don't provide context for specific datasets. Datasets by themselves don't have value and it is beneficial to provide context, explain the data, and illustrate how to use (purpose and mechanics). Government agencies often don't do a good job explaining the dataset contents and how to use as a practitioner or the public.

Data
Focus on water datasets, with evaluation of each dataset in the project to make a final determination of what to focus on.

Potential Impact
Anyone that uses CIM water datasets would benefit and the example could result in peer pressure to create more videos for other datasets.

Innovation
CIM has been around for years but has not reached its potential. Videos would help increase CIM use. It is time for open data to be more approachable. Community-contributed training is also an innovation.

Presentation
See the video of a recorded PowerPoint presentation: https://youtu.be/imHjj3b2Ywc

Summary

The idea is to create short training videos explaining how to use CIM datasets for subject matter areas using actual datasets and analysis tools. The videos would explain how a dataset (or family of related datasets) are useful, how to interpret the data, and the mechanics of using the data with common tools. This would go beyond the canned Socrata training videos and fill in gaps in understanding how to use the datasets. Some Socrata features simply do not work well, such as integration with third party tools. The videos would also acknowledge the source agency and other content that may be available on those sites. An emphasis would be made on emphasizing the value of a publishing workflow and using CIM's general features to help standardize the flow of data from originating agency to the public.

The videos would be a at a level of production similar to technical "how to" videos found on YouTube, utilizing screen capture, voice over and accompanying PowerPoint presentations, as needed. The scripts and PowerPoint can be made available in GitHub public repository with videos hosted on YouTube channel (State or Open Water Foundation) so that enhancements can be made over time.