Overlaying a Boundary Map and Dataset
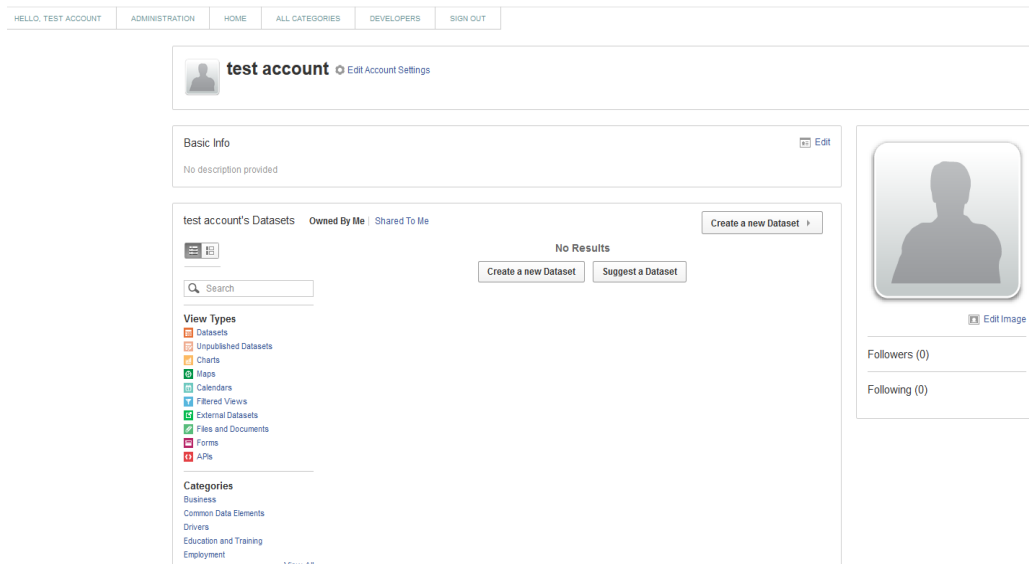
Montana Data Portal

Overlaying a Boundary Map and Dataset

A boundry map – shows the data variation between boundires.

Log into your Montana Data Portal account on the Socrata Platform

Once logged in, the default profile page will display

Select the dataset or select the 'All Categories' menu option ALL CATEGORIES and select the dataset.

Select the Visualize menu Visualize button from the upper right hand corner.

Select the Map menu, and then select the 'Add Data' button. You may overlay several datasets as long as they have at least one column that is the same in both datasets. Several Map layers can be used as well.
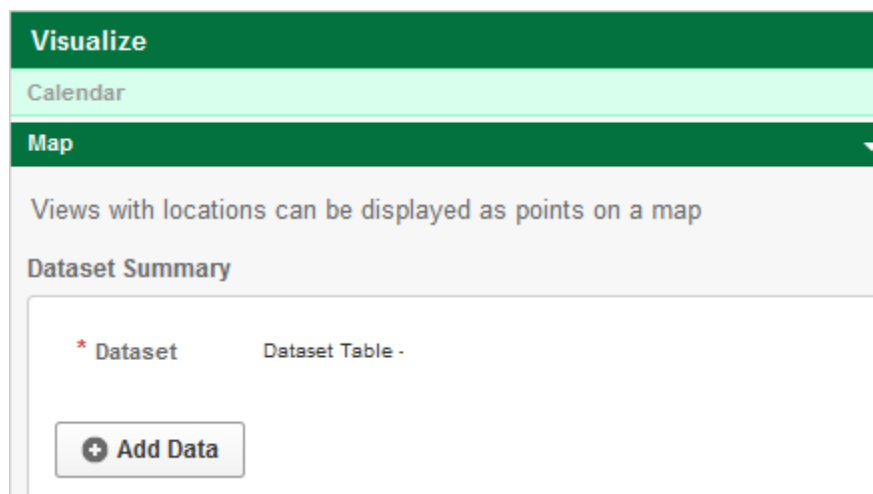
Example Dataset 1:   Example Dataset 2:

County	FIPS Code
BEAVERHEAD	1
BIG HORN	3
BROADWATER	5

FIPS Code	Office Location
1	125 N Idaho St Dillon, MT 59725

The column that is similar in both datasets is FIPS code. To note the column doesn't have to be a number, just a common name, data type, or data points that are the exact same in both datasets

Visualize

Calendar

Map   ▼

Views with locations can be displayed as points on a map

Dataset Summary

* Dataset   Dataset Table -

⊕ **Add Data**

Select the shape file dataset you would like to use and select the choose button.

⊗

Choose a Dataset to use

Most Relevant ⬍   **Name**
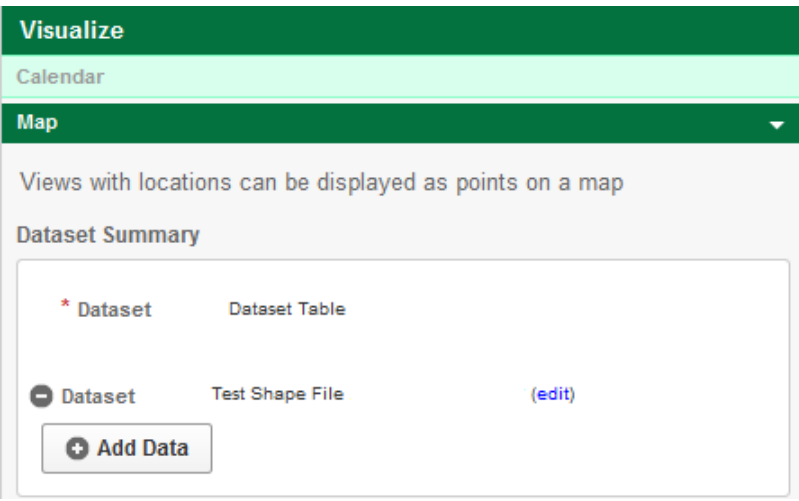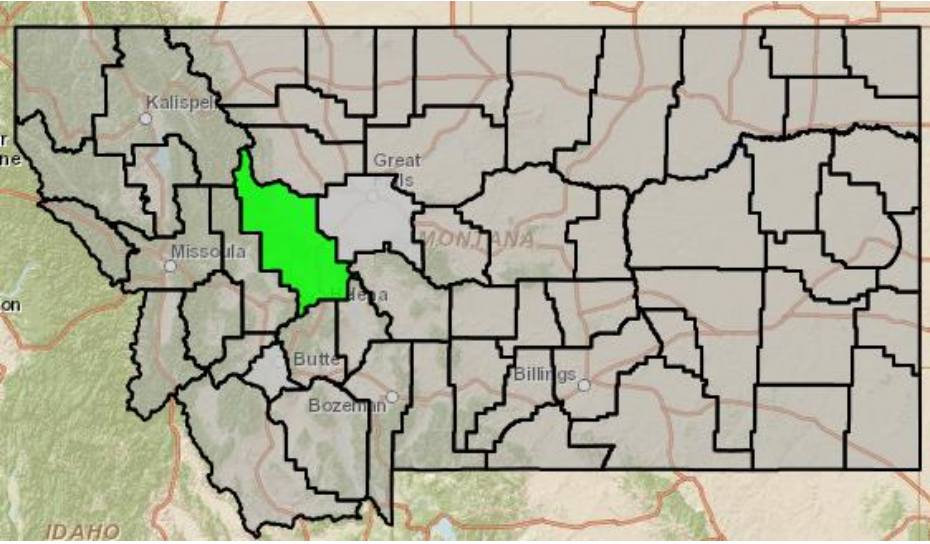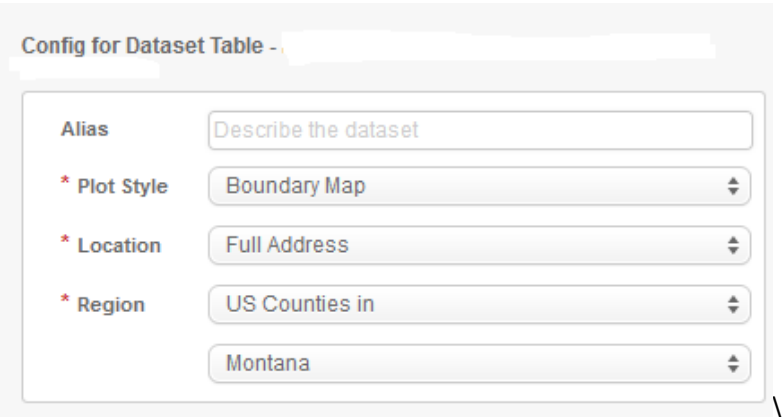
🔍 Search | Choose | 1.

View Types | Choose | 2. **Test Shape File**

Overlaying a Boundary Map and Dataset

Visualize

Calendar

Map ▾

Views with locations can be displayed as points on a map

Dataset Summary

* Dataset	Dataset Table	
⊖ Dataset	Test Shape File	(edit)

⊕ **Add Data**
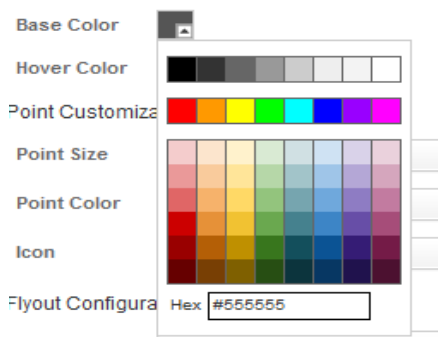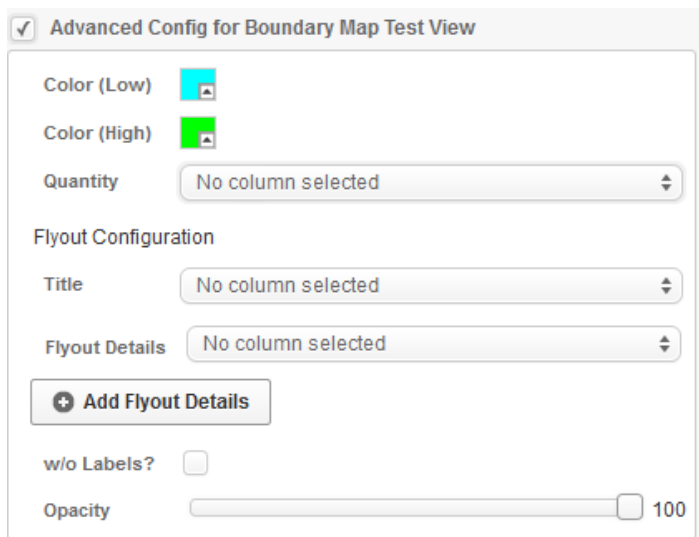
Under the 'Config for' Header, Select Boundary Map Plot style. Select the location field in your dataset, and the region details.

Config for Dataset Table -

Alias	Describe the dataset
* Plot Style	Boundary Map ▲▼
* Location	Full Address ▲▼
* Region	US Counties in ▲▼
	Montana ▲▼

Overlaying a Boundary Map and Dataset

Under the 'Advanced Config ' Header , there are options to customize the colors for low and high values. Select the arrow and select a color or type in the color code and select enter on your keyboard. If there is a quantity in your dataset, the drop down for 'Quantity', will have it available under 'Valid Columns'. Opacity allows you to change the opaqueness of each base map layer.

The Low and High colors are representative of the amount of data points in the 'Region' specified under the Config section. In the example below, the teal color will represent the lower instance of offices, while the green color will represent a higher concentration of offices.

Overlaying a Boundary Map and Dataset

Under the 'Advanced Config ' Header Flyout Configuration, there are options to select which data points will display when you click on the data point. The 'Add Flyout Details' allow you to select several data points

Under Base Maps, there is an option to add multiple base map layers.

Under Advanced Configuration, there is an 'exclusive' option that allows you to display multiple base maps one at a time, and an option to have 'no geo-location'.
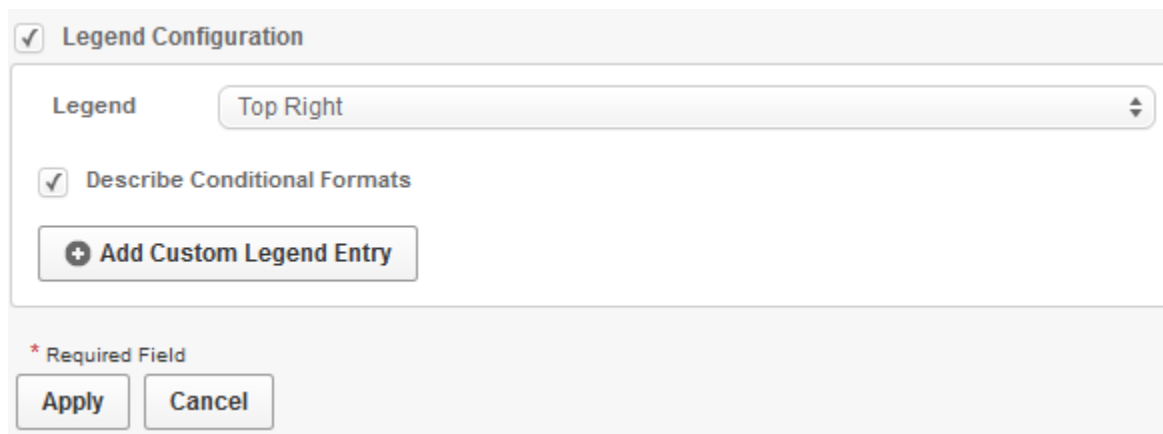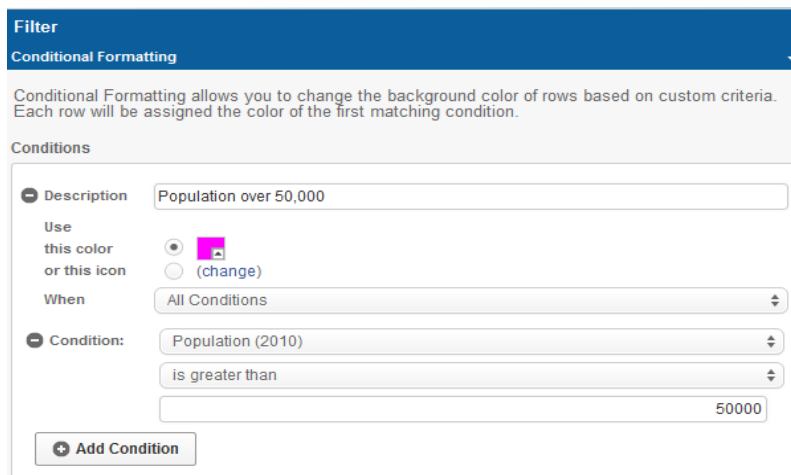
Overlaying a Boundary Map and Dataset

Under the Legend Configuration, there are options to select the position of the legend, add custom legend entries, and a 'Describe conditional formats' check box.

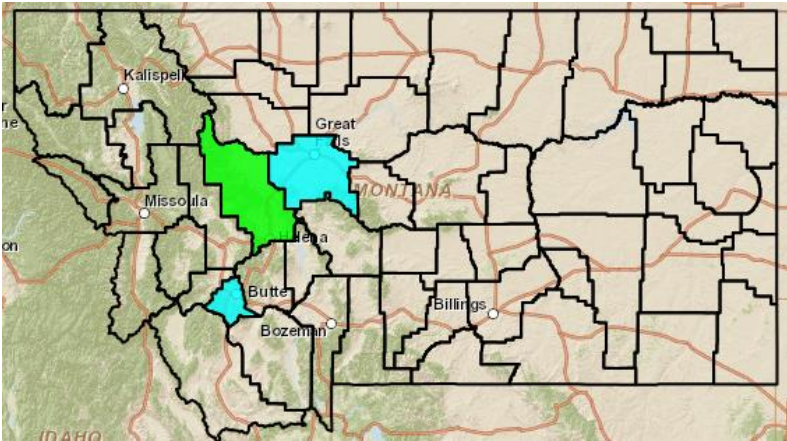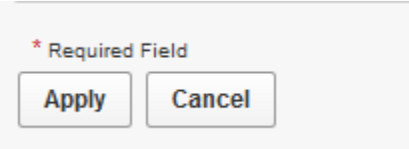To add a conditional format, select the Filter button from the upper right hand menu.

Select the Conditional Formatting section. Input a description, choose a color or icon change, define the conditions, and select apply. In the example below, we selected a color to identify cities with populations over 50,000.

Overlaying a Boundary Map and Dataset

Navigate back to the Visualize button , and scroll down to the 'Legend Configuration' section.

Select the apply button to refresh

Save your view if it is an existing view or select save as to create a new map view.

Overlaying a Boundary Map and Dataset