

# UFO Sightings

## Project Overview

Dana would like to provide a more in-depth analysis of UFO sightings by allowing users to filter for multiple criteria at the same time. She would also like to add table filters for the city, state, country, and shape.

### Purpose: -

- To filter UFO sightings on multiple criteria.
- To filter a table using JavaScript and HTML.

### Materials: -

- ✓ JavaScript, HTML, CSS, and D3.js

### Results: -

- Based on search criteria the code allowed the user to filter the table for specific values (please find the table at the very end).

### Deliverable 1: Filter UFO sightings on multiple criteria

- Multiple search criteria for users:-
  1. Type the date into date field
  2. Choose city, state, country, and shape at the same time in lower case.
  3. No space at the end of the text
  4. Finally click enter

### Drawbacks:

- The data don't have all dates for the months of January. Therefore, the user must know the specific dates, also specific cities, and shapes.
- The webpage doesn't allow space at the end of the text
- The webpage filters only accept in lower case

### Recommendations:

- ❖ Allow the users to use both upper- and lower-case spellings

- ❖ The webpage should accept space at the end of the text to avoid any error or no filter issue if the user insert space accidentally.

- Below is the result based on multiple filed search: -

UFO Sightings

# The Truth is Out There

## UFO Sightings: Fact of Fancy? Ufologists Weigh In

Are we alone in the universe? For millennia, humans have turned to the sky to answer this question. Now, thanks to research generously funded by W. Avy, a UFO-enthusiast and amateur ufologist, we can supplement our sky-searching with data analysis.

"The release of this analysis is well-timed: It coincides with the celebration of World UFO Day, which is a moment for ufologists around the world to connect, relax, and sample a range of UFO-themed snacks," said Dr. Ursula F. Olivier, the world's preeminent expert on circular sightings. "Citizen-scientists can be especially helpful in both cataloguing sightings—which is hugely helpful for us in our search for aliens—and in helping us celebrate the work that has already been done, such as this data visualization project, which will help us raise awareness of the ubiquity of sightings!"

Not everyone is ready to celebrate, however. Local CEO and vocal anti-alien activist V. Isualize reached out to our reporters to go on record as firmly opposed to any attempts to provide access to this data. "If there are aliens, they certainly would like to be left alone," she stated, before directing us to the Leave Aliens Alone (LAA) community engagement initiative she founded and funds.

So what do YOU think? Are we alone in the universe? Are aliens trying to contact us, or do they want to be left alone? Dig through the data yourself, and let us know what you see.

Filter Search

Date	1/1/2010
City	el cajon
State	ca
Country	us
Shape	triangle

Date	City	State	Country	Shape	Duration	Comments
1/1/2010	el cajon	ca	us	triangle	6 minutes	On New Years Eve I went outside to hear the celebration and fireworks in my neighbor hood. And noticed 3 red lights above my house and
1/1/2010	el cajon	ca	us	triangle	12 minutes	3 Red objects hovering over El Cajon CA

- Another example on single city search

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Filter Search

Date	1/2/2010
City	sacramento
State	ca
Country	us
Shape	triangle

Date	City	State	Country	Shape	Duration	Comments
1/2/2010	sacramento	ca	us	triangle	4min	Triangle shaped object spotted over Sacramento River.