

UFO Sighting Data Visualization

In this project, we used a chart of circles and a scatterplot to visualize the UFO sighting dataset. Four attributes are applied to the circle chart: shape, country, city and datetime(year). The circles can be ordered in either ascending or descending, and the number of circles can also be chosen to decide how precise the data would be shown. As for the scatterplot, it shows the discrete data of duration versus the above four attributes. Finally, comments of the UFO sighting are shown as news ticker below the charts. We also did some animations to make the whole visualizing a bit more interesting.

As we can easily see from the visualizing results, the most common shapes of sighted UFOs are light, triangle, circle, fireball, and sphere. The highest numbers of UFOs reported are the United States in the class of countries, and Seattle in the class of cities. Furthermore, the scatterplot shows that large number of UFOs are mainly sighted from 1997 to 2014.

