

ARC6818 Proposal: A study of UFO sighting reports in United States

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Introduction

The theme of this proposal is a study of UFO sighting reports in United States for the last century. During the last century, there were tens of thousands of UFO sighting reports in US. However, what make those reports uncertain and suspicious are diversities of UFO shapes and occur duration. Aims of this proposal is to analyse the information of different reports, including the UFO shapes, occur durations, report time and locations. The visualisation type would be based on a choropleth map or bubble map. Changes along with the timeline will also be considered.

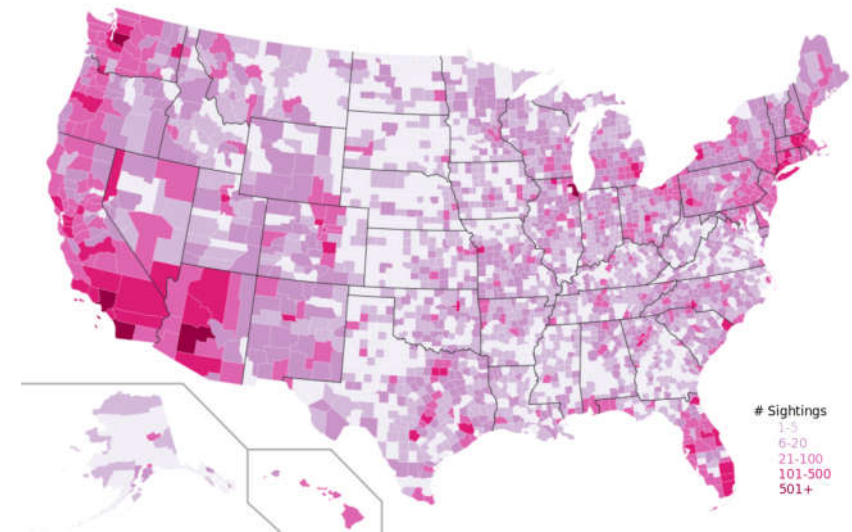
Data source

The dataset provided by National UFO Reporting Centre (NUFORC) is available from <https://www.kaggle.com/NUFORC/ufo-sightings>

Libraries and modules to be used (tentative)

pandas
matplotlib
numpy
plotly
basemap

A visualisation example



Source: <http://kotsf.com/gdarchive/19/>