REPORT OF UFO SIGHTING DASHBOARD IN TABLEAU

Introduction

The UFO Sightings Dashboard was created using Tableau to visualize and analyze UFO sighting data. The dashboard integrates various visualization techniques, including maps, bar charts, pie charts, and heatmaps, to provide a comprehensive view of UFO sightings.

Data Source

The data used for this dashboard comes from [specify data source, e.g., a public UFO sightings dataset or a proprietary database]. The dataset includes information such as sighting dates, locations (latitude and longitude), descriptions, and duration.

Dashboard Components

Map Visualization

Purpose: To display UFO sightings geographically.

Features: Interactive map with markers indicating the locations of sightings. Map includes city, state, colur groups and count of ufo for size variance highlighting the different areas of ufo sighting. Users can zoom in/out and click on markers for detailed information.

Bar Chart

Purpose: To show the distribution of UFO sightings across different categories or time periods.

Features: Vertical or horizontal bars representing the frequency of sightings by category (e.g., sighting type, state, or month).Here I used stack bars with the values of month, day, year of sightings.

Pie Chart

Purpose: To illustrate the proportion of sightings by category.

Features: Segments representing different categories (e.g., sighting types or shapes). Helps in understanding the relative frequency of each category.But, here it is used to show sightings per hour data.

Heatmap

Purpose: To visualize the density of UFO sightings over a geographical area or time.

Features: Color gradient representing the concentration of sightings. Useful for identifying hotspots or periods with high sighting activity.It is used to visualising the shape report in the ufo sighting data.

Interactivity

Filter Options: Users can filter the data by date range, sighting type, or location to drill down into specific details.

Hover and Click Details: Hovering over or clicking on map markers, bars, or pie segments provides additional details about individual sightings.
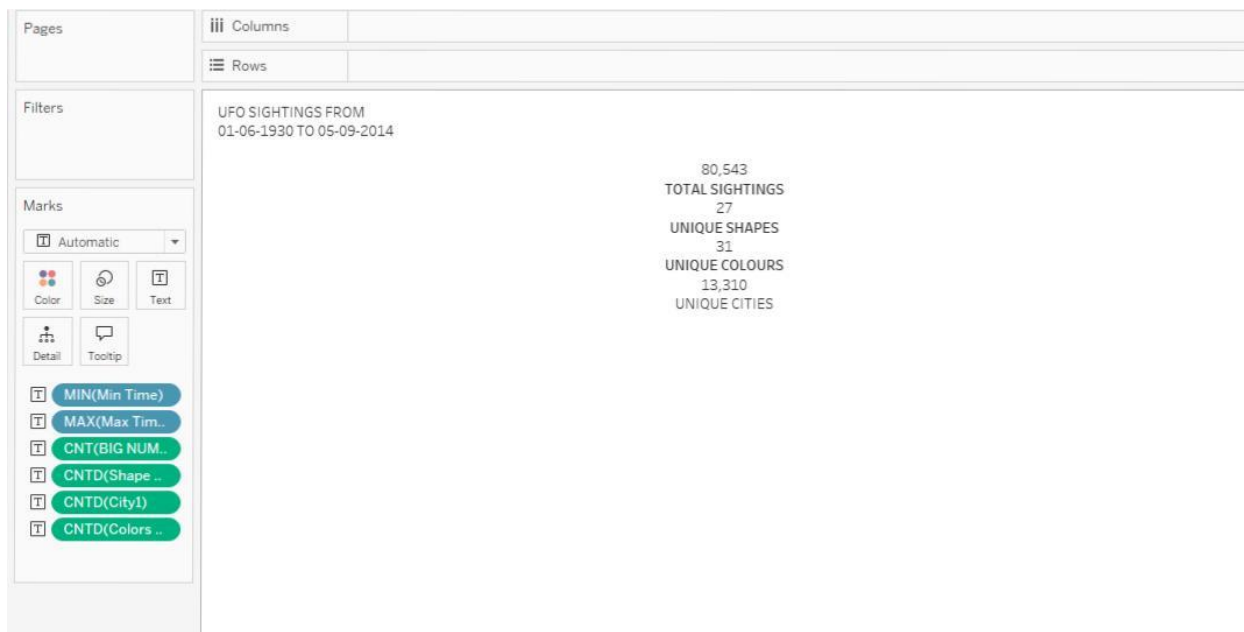
Conclusion:

The UFO Sightings Dashboard provides valuable insights into UFO sightings by leveraging various Tableau visualization Dashboard image attached in github page.
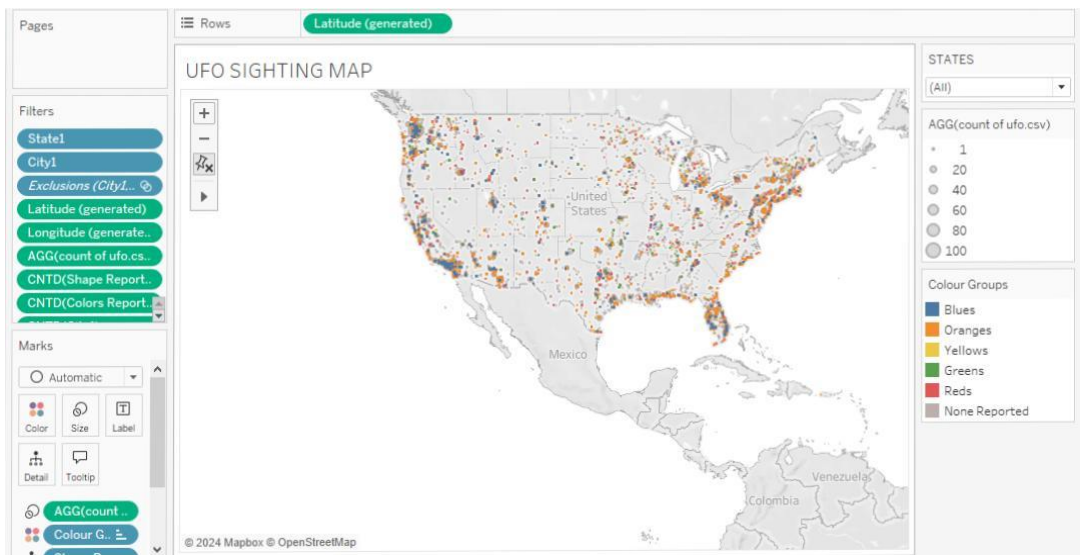
References:

 List of sources and references used in the creation of the dashboard.

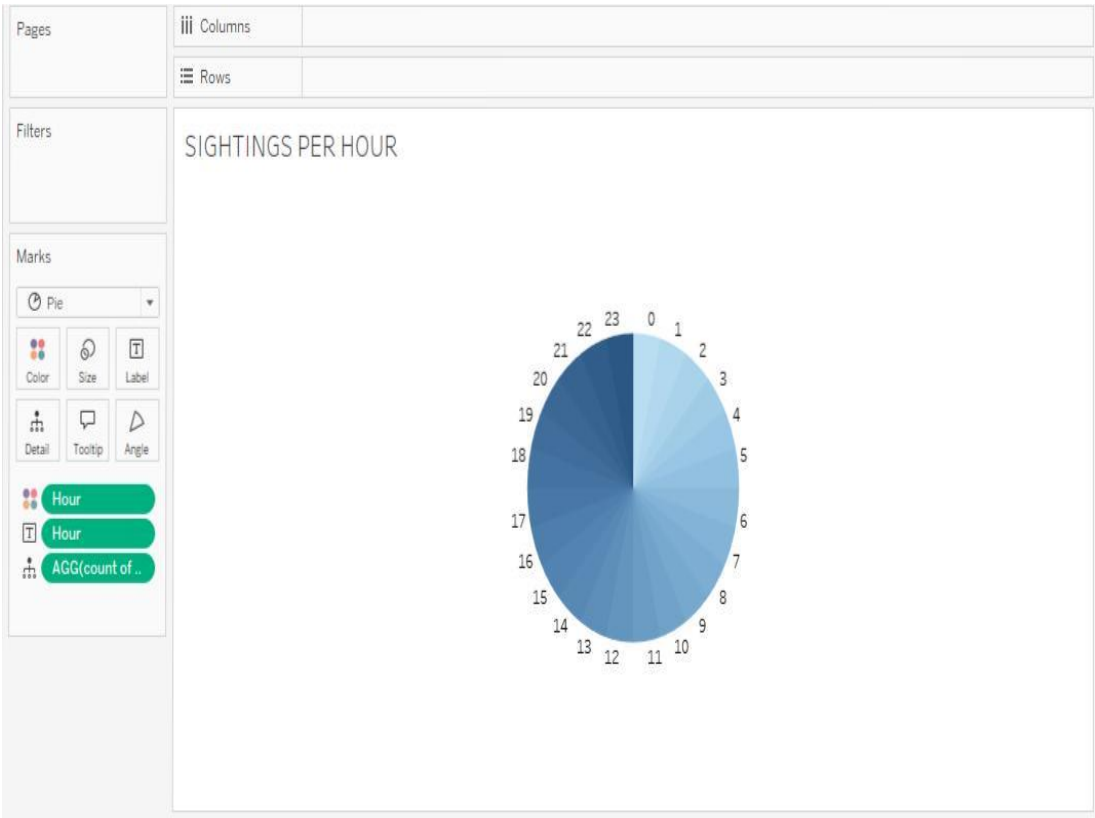HERE are the worksheets to create a Ufo sighting dashboard
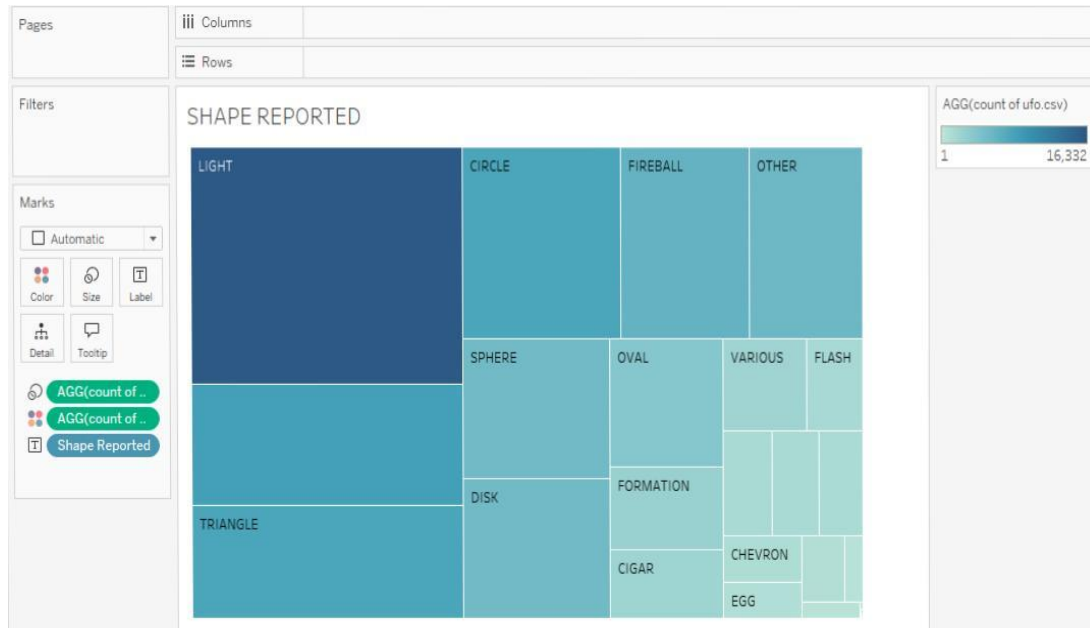
1. Key performance Indicators

2. Map visualisation

3. Sightings per hour

4. Shape reported

5. Sightings over time