



UFO Hotspots: The Hidden Truth Around Area 51

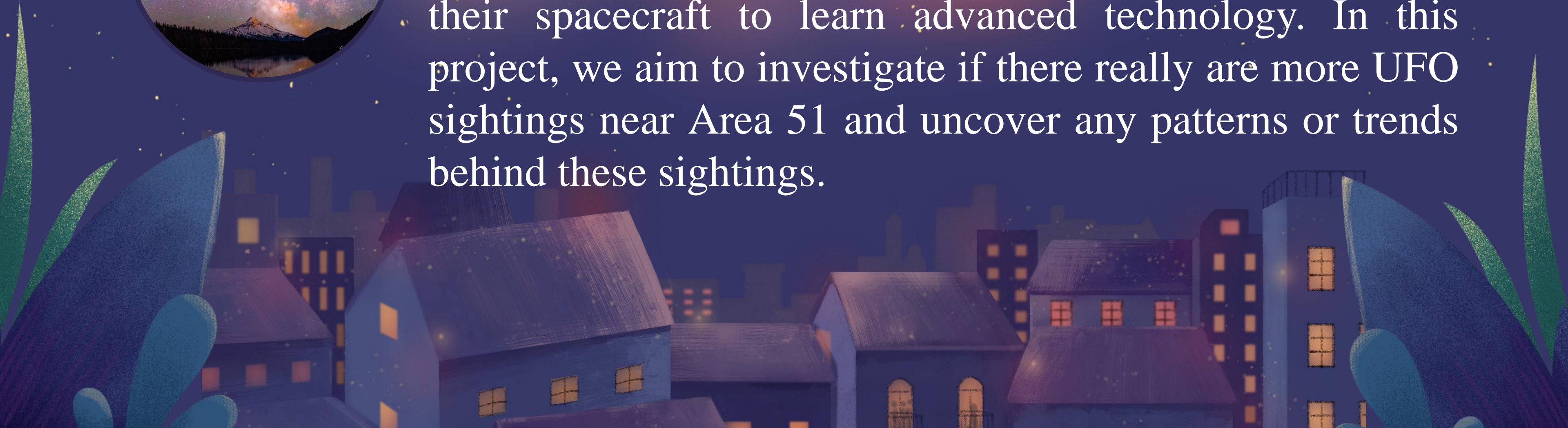
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INTRODUCTION



Area 51, a restricted area in Nevada controlled by the U.S. military, has long been surrounded by rumors. People believe that UFOs often appear around Area 51 and that the U.S. government might be secretly studying aliens and their spacecraft to learn advanced technology. In this project, we aim to investigate if there really are more UFO sightings near Area 51 and uncover any patterns or trends behind these sightings.

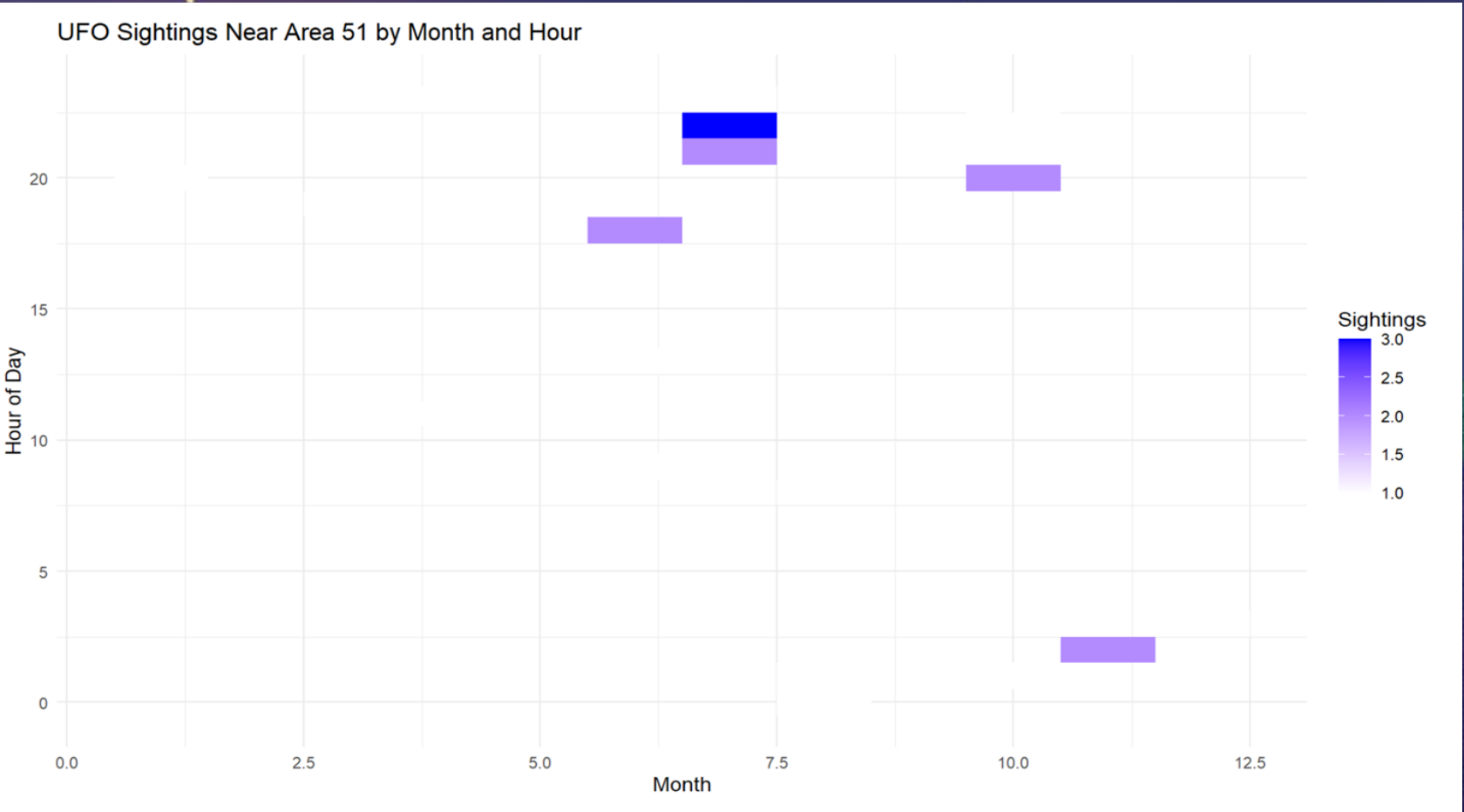
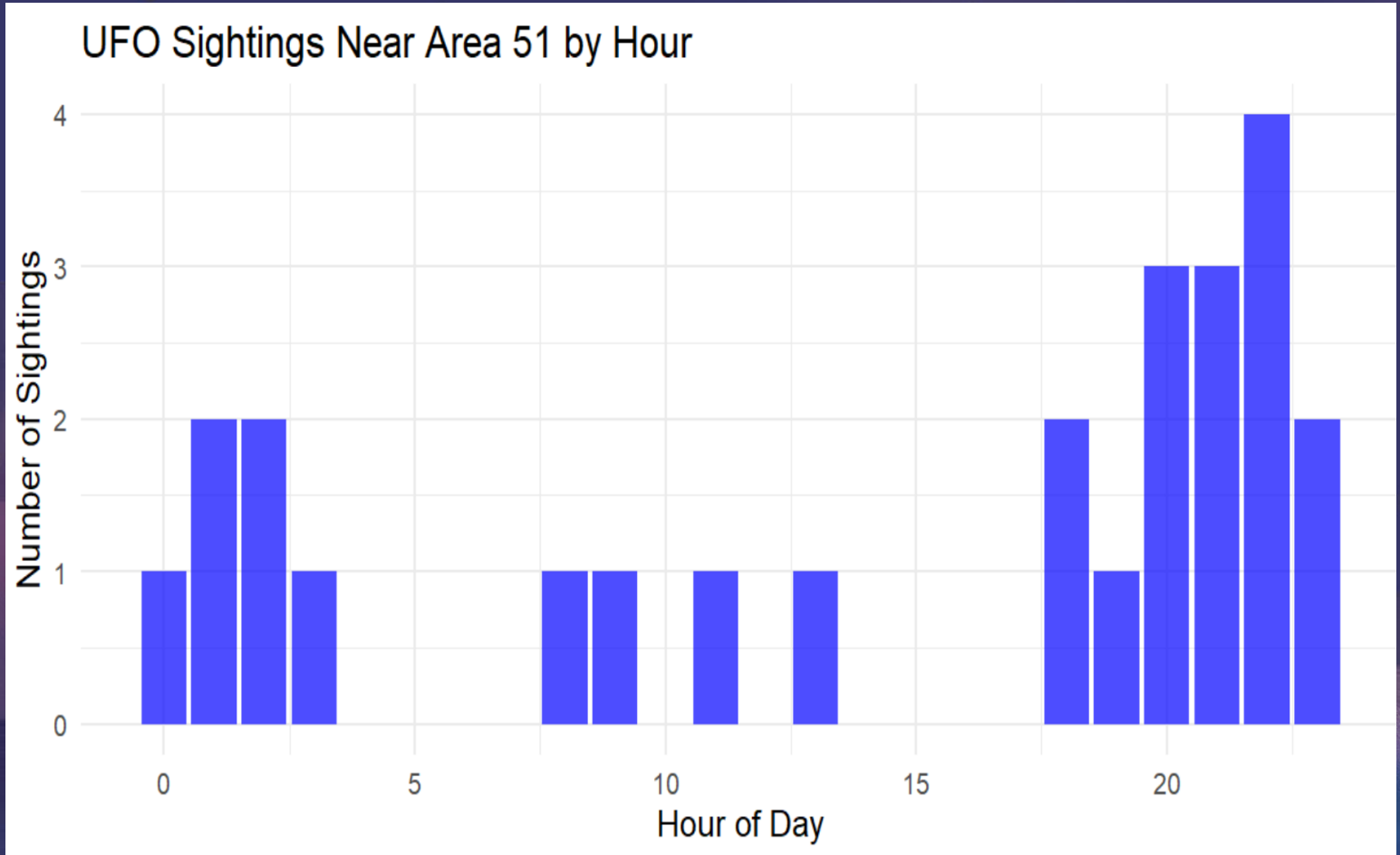
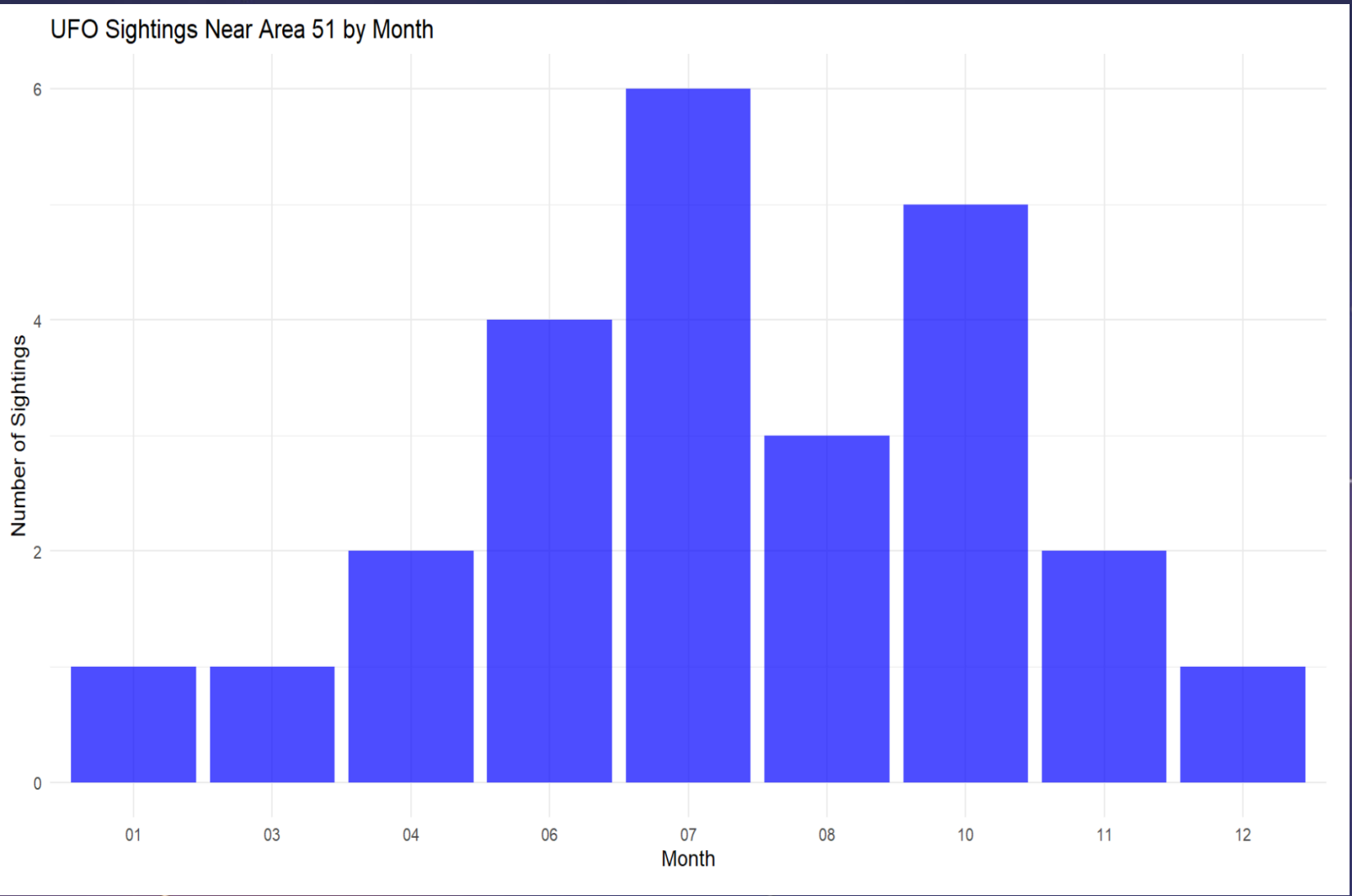
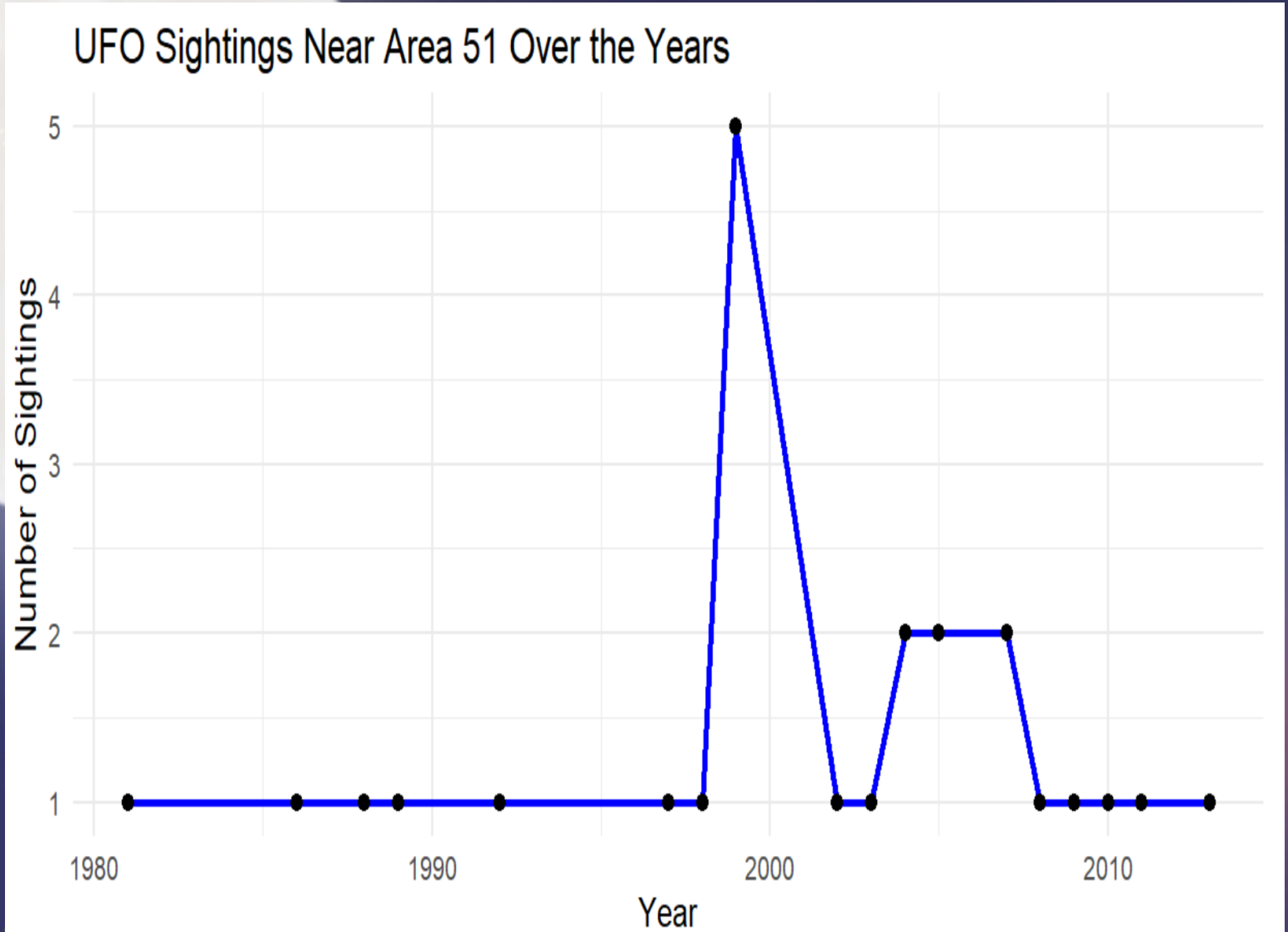


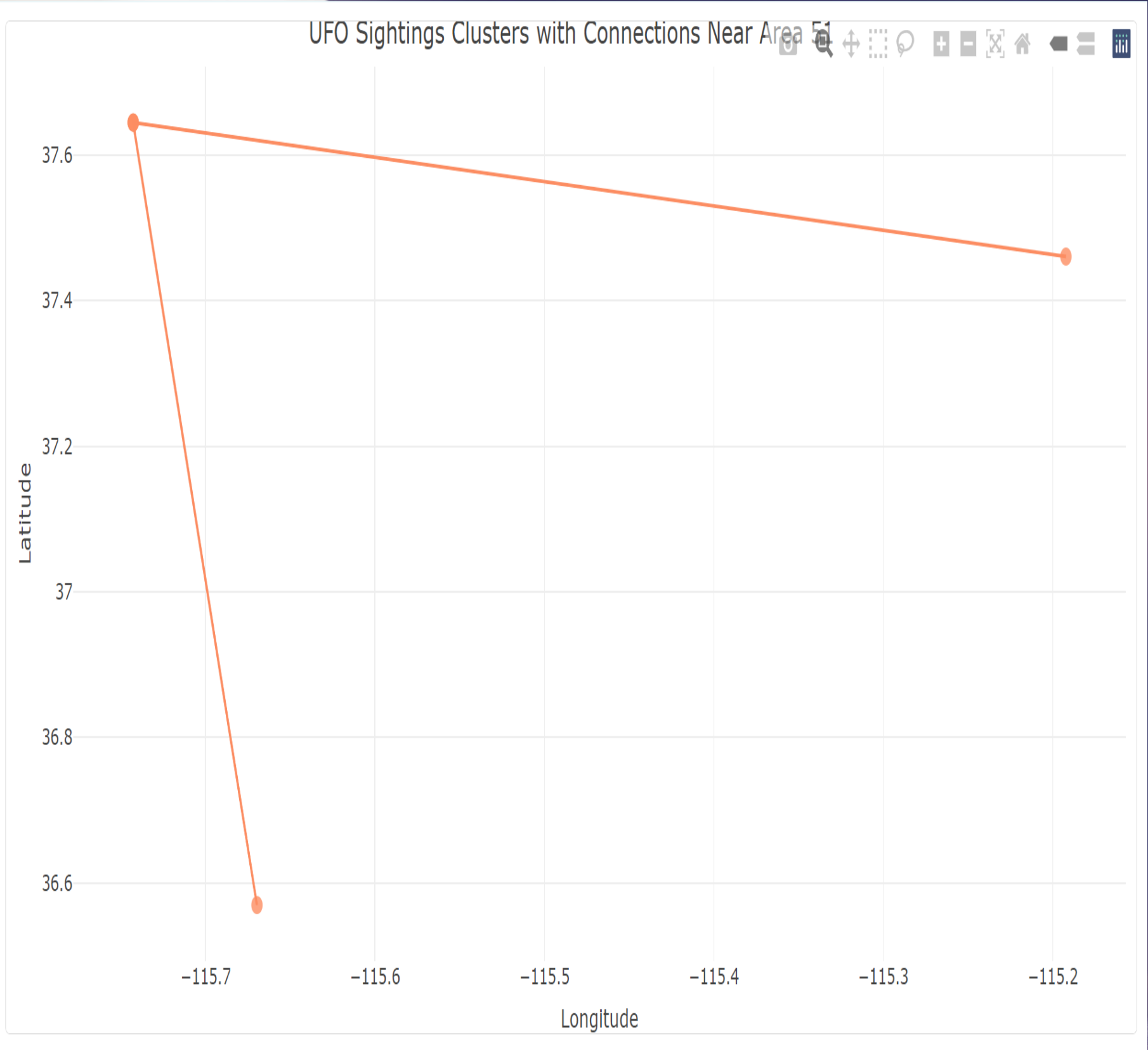
DATASET DESCRIPTION

The dataset is sourced from the National UFO Reporting Centre (NUFORC) which contains 80,000 records and 16 variables spanning from 1949

- **Date_time**: Standardized date and time of the sighting.
- **date_documented**: The date when the UFO sighting was reported
- **Year**: The year of the sighting
- **Month**: The month of the sighting
- **Hour**: The hour the sighting occurred
- **Season**: The season of the sighting
- **Country**: The name of the country
- **Region**: A more specific location than the country (e.g., state, province, region)

- **Locale**: A finer detail than the region (e.g., city, town, village)
- **latitude**: Latitude of the sighting
- **longitude**: Longitude of the sighting
- **UFO_shape**: A brief description of the UFO's shape
- **length_of_encounter_seconds**: Duration of the sighting in seconds
- **Encounter_Duration**: Raw description of the sighting's length (includes uncertainty)
- **Description**: Text description of the encounter (may require cleanup for analysis)





Description: df [5 × 4]

	longitude	latitude	Region	Locale
	<dbl>	<dbl>	<fctr>	<fctr>
1	-115.6697	36.56972	Nevada	Indian Springs
2	-115.7428	37.64472	Nevada	Rachel
3	-115.1922	37.46056	Nevada	Ash Springs
4	-115.7428	37.64472	Nevada	Rachel
5	-115.7428	37.64472	Nevada	Rachel

5 rows



Thank You