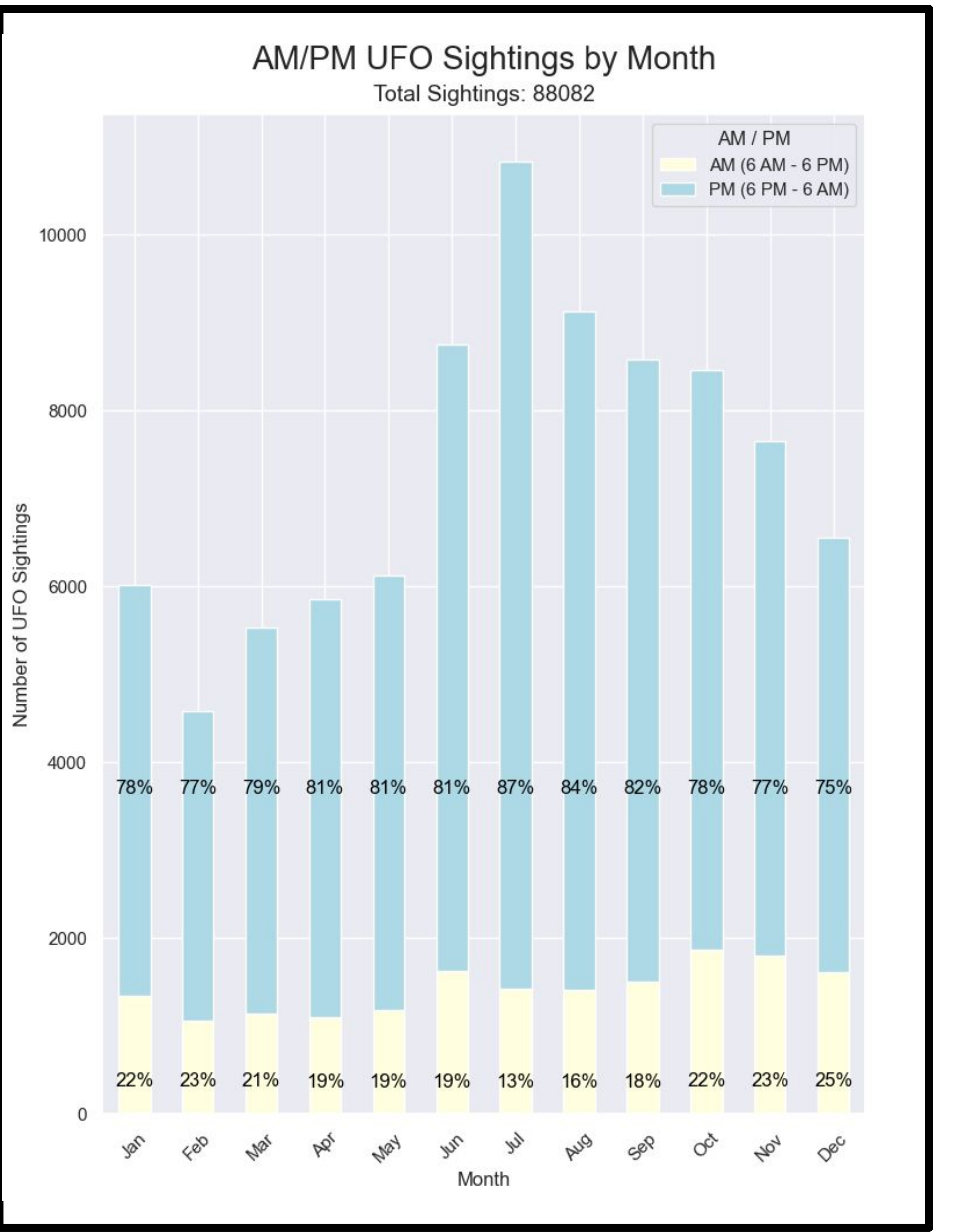
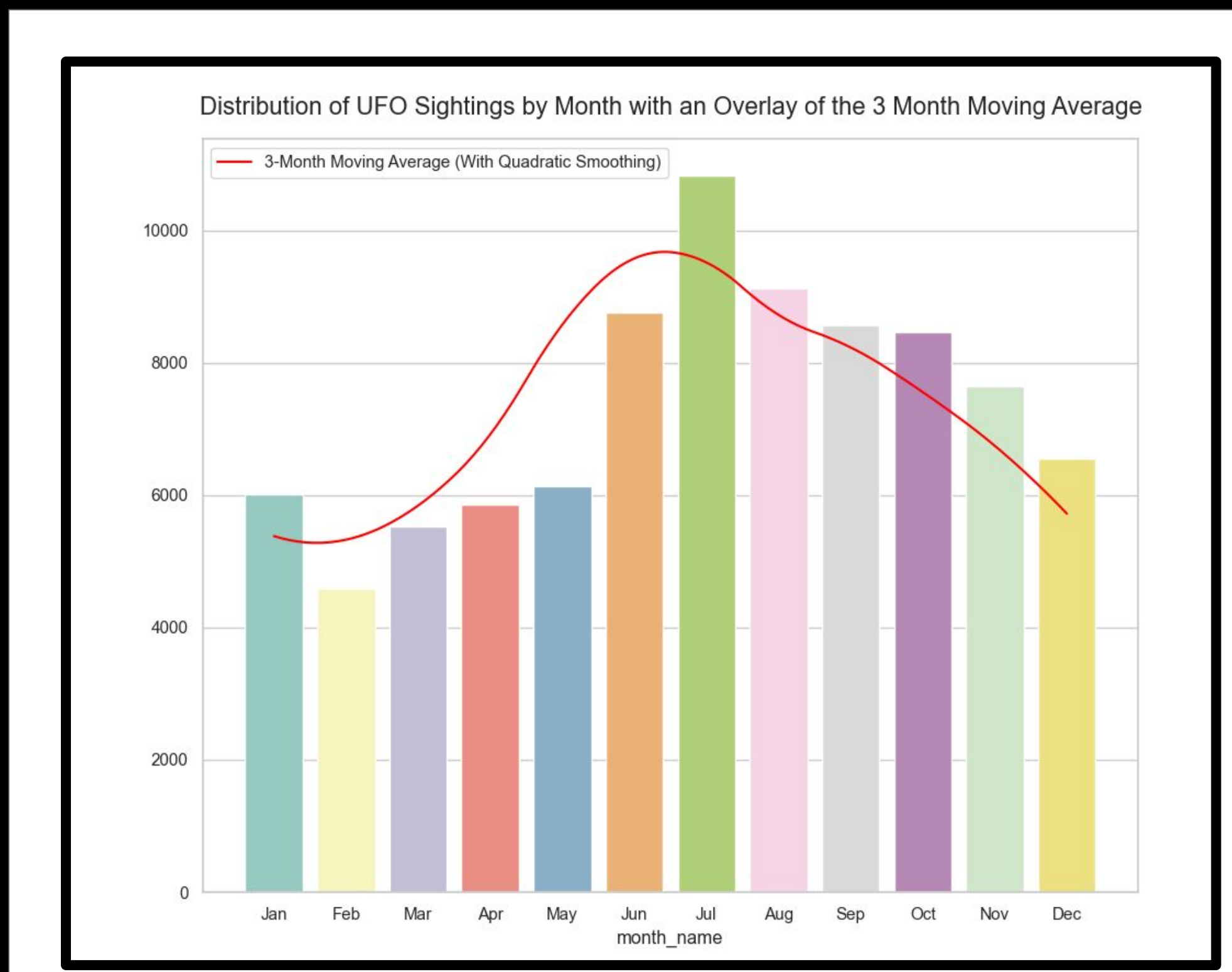
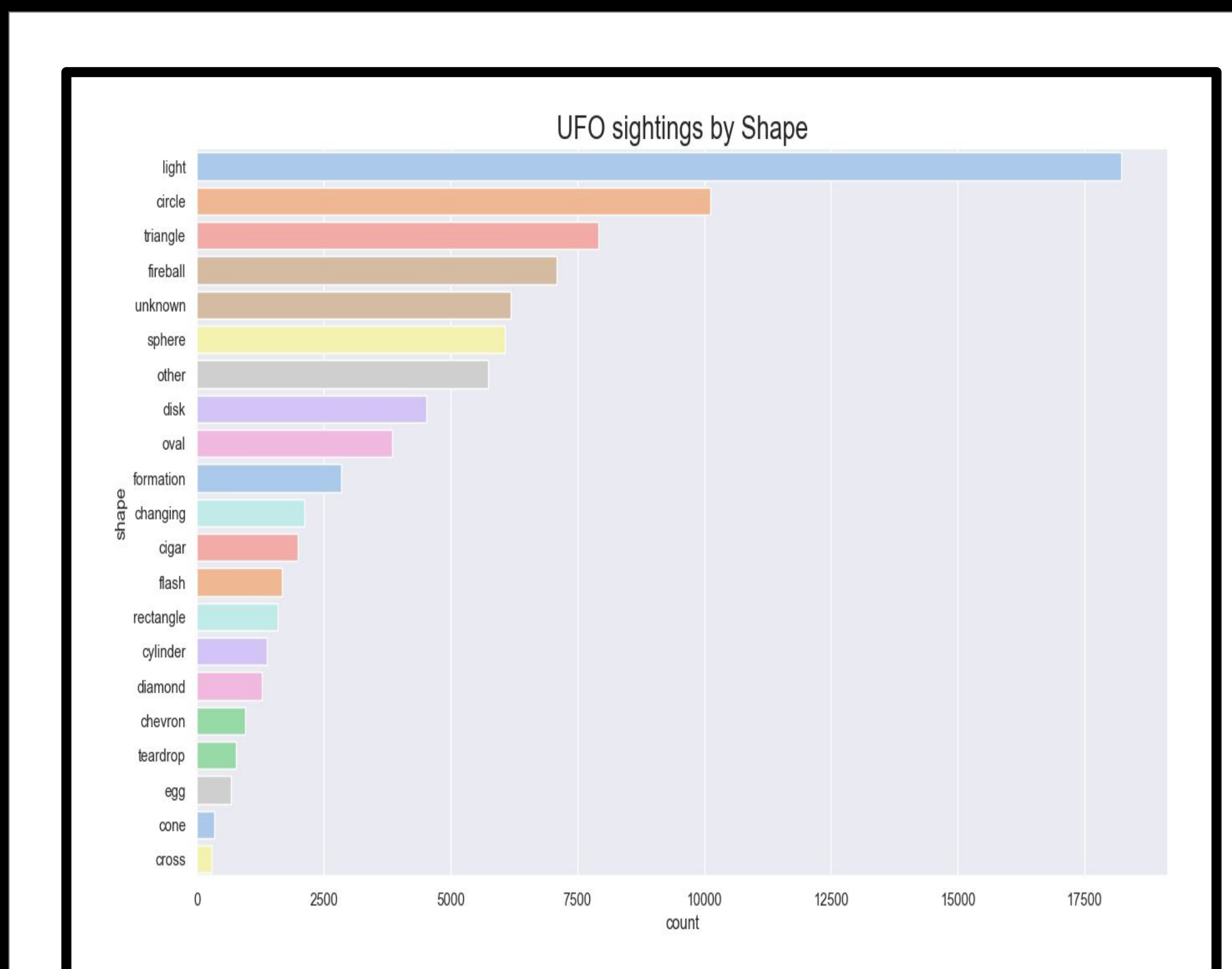


Can a
DATA SCIENCE Approach
 Offer
Additional Insights
 into the nearly
90,000 UFO Sightings
 in the USA?

Dot-Distribution Maps (2002-2014)

[illegible]

The chart displays two data series over time from 1945 to 2019. The primary series, 'UFO Pilot Sightings', is represented by a red line with circular markers. The secondary series, 'Starlink Satellites Launched', is represented by blue vertical bars. The chart features a dual y-axis: the left axis measures 'Number of UFO Sightings' (0 to 8000) and the right axis measures 'Starlink Satellites Launched' (0 to 2000). A secondary y-axis on the right also measures 'UFO Pilot Sightings' (0 to 100). The x-axis is labeled 'Year' and ranges from 1945 to 2019. A red dashed line is drawn at the 1000 mark on the left y-axis. The chart shows a significant increase in both metrics starting around 2010, with a sharp spike in sightings in 2024.

Year	Starlink Satellites Launched	UFO Pilot Sightings (Left Axis)	UFO Pilot Sightings (Right Axis)
1945	0	0	0
1946	0	0	0
1947	0	0	0
1948	0	0	0
1949	0	0	0
1950	0	0	0
1951	0	0	0
1952	0	0	0
1953	0	0	0
1954	0	0	0
1955	0	0	0
1956	0	0	0
1957	0	0	0
1958	0	0	0
1959	0	0	0
1960	0	0	0
1961	0	0	0
1962	0	0	0
1963	0	0	0
1964	0	0	0
1965	0	0	0
1966	0	0	0
1967	0	0	0
1968	0	0	0
1969	0	0	0
1970	0	0	0
1971	0	0	0
1972	0	0	0
1973	0	0	0
1974	0	0	0
1975	0	0	0
1976	0	0	0
1977	0	0	0
1978	0	0	0
1979	0	0	0
1980	0	0	0
1981	0	0	0
1982	0	0	0
1983	0	0	0
1984	0	0	0
1985	0	0	0
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	0	0	0
1990	0	0	0
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0

Summary	My wife was driving southeast on a fairly populated main side road, it was dark out side at about 6:43pm, And my wife exclaimed" falling star baby look quick!" When I looked up I saw not a falling star but a bright ball of light , one that was closer than any shooting star I have ever seen, it had a blue glow changing into green colors of light as it fell from the sky. It fell as if falling from an invisible opening in the sky... the night was a crystal clear night sky so no clouds or precipitation to obstruct our view and the object was closer than any I have ever witnessed before. The way the object fell was too slow to be a meteor or falling star, also noting that there was no "light trail" following behind the object as it fell. We watched it fall for about 5 seconds before it disappeared into the dark night sky somewhere close to the earth surface. It was the strangest light, object; ufo... I have encountered and felt a duty to report it.
City	Chester
State	VA
Shape	Light
Duration	5 secs
Latitude	37.34315152
Longitude	-77.40858182
Date	12-12-2019

<h1 style="margin: 0;">National Science & Engineering Fair of Florida</h1> <h2 style="margin: 0;">OFFICIAL ABSTRACT AND CERTIFICATION</h2>		March 25-28, 2025 Palm Beach State College, Lantana, FL
<p>Project Title:</p> <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>		
<p>School Name: Altavilla Middle School The Cornerstone School, Ocala FL</p>		<p>Team Project: _____ YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>
<p>The science fair project, Can a Data Science Approach Offer Additional Insights into the Nearly 90,000 UFO Sightings was valued at \$0. This is a data science project centered around the National UFO Reporting Center's database of nearly 80,000 reported UFO sightings in the United States. The data was analyzed in a Python Jupyter Notebook containing nearly 1,000 lines of code. Modules such as Pandas, Matplotlib, Seaborn, Numpy, and Plotly Express were used. The data showed that the majority of sightings occurred in the summer, most likely due to pleasurable weather conditions bringing people outside their homes. The dataset showed that the sightings increased dramatically between 2007, while portable phones with cameras were reaching the consumer market. Sightings also increased in the 1950s and 1960s, when the United States was in a cold war with the Soviet Union, and early spaceflight was on the rise. This increase in sightings was likely due to people spotting spacecraft from their earliest spaceflight operations, and reportedly seeing them as unidentified flying objects. This data set contains many interesting correlations to be drawn from this database. This data could possibly be used to aid organizations such as NASA and NOAA with further spacecraft and UFO research.</p>		
<p>CATEGORY: No limited or no category</p>		<p>Reviewed by: <input checked="" type="checkbox"/> Sciences & Social Sciences <input type="checkbox"/> Mathematics & Health Sciences <input type="checkbox"/> Computer Science & Technology <input type="checkbox"/> Diversity <input type="checkbox"/> Earth & Environmental Sciences </p>
<p>Subject Area: Engineering</p>		<p>Reviewed by: <input type="checkbox"/> Environmental Engineering <input type="checkbox"/> Aerospace/Astronautics <input type="checkbox"/> Mechanical Engineering <input type="checkbox"/> Electrical Engineering <input type="checkbox"/> Chemical Engineering <input type="checkbox"/> Physics & Astronomy <input type="checkbox"/> Other Sciences </p>
<p>I am a part of this research project, the student directly handled, manipulated or interacted with (check ALL that apply):</p> <p><input checked="" type="checkbox"/> Human subjects <input type="checkbox"/> Plants (generally hand-manipulated biological agents)</p> <p><input type="checkbox"/> Vertebrate animals <input type="checkbox"/> Microorganisms <input type="checkbox"/> DNA <input type="checkbox"/> Tissue</p>		
<p>This abstract describes only procedures performed by me/us, reflects my/or our independent research, and one year's work only. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Sure </p>		
<p>This work was used or equipment in a regulated research institution or industrial setting <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </p>		
<p>This project is a continuation of previous research <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </p>		
<p>This study had been published or non-published through visual depiction of humans (other than myself) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </p>		
<p>PHOTO OR VIDEO OF STUDENT WORK: (check all that apply) <input checked="" type="checkbox"/> Computer/Chairman report or display Researcher(s): Adult Sponsor(s): Parent(s): Other: No Photo </p>		
<p>✓ I have signed photographs/illustrations were taken about the researcher(s). <small>Complete Date Signed: _____</small> </p>		
<p><i>(Use freely only if the above statements are correct and the information provided to the Abstract is the result of your own research. Use also only if there has been properly ethical review approval.)</i></p>		
<p>Freight on Team Leader Signature: <i>Nigel G.</i></p>		<p>Date: 11-24-24</p>