Name: Nathan Rusk   **Date:** 10/21/2021

Lab section: Thursday

Show your work!!!

Acquire

Week: July 2

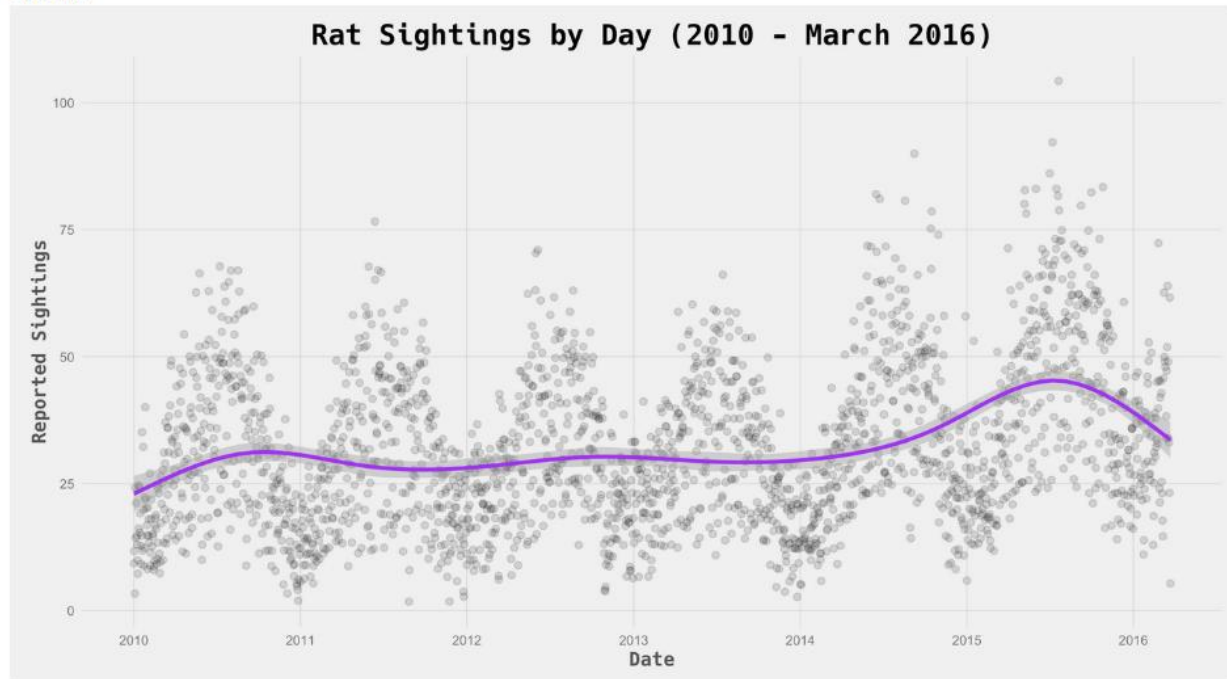Date: July 2, 2018   Year: **2018**   Data: Rat Sightings in New York City

Source Article/Visualization:

Rat   Sightings   in   New   York   City
Data Source: NYC Open Datahttps://www.makeovermonday.co.uk/data/data-sets-2018/

Represent

Here is a scatter plot chart of the data. It's perhaps a bit disconcerting that the number of rat sightings are increasing overtime. This is most likely the case because it's easier to report rat sightings now than in 2010 with the proliferation of smart phones. I haven't lived in NYC in some time, but the fight against rats has been going on for as I can remember. As a side note, Rats have become somewhat iconic in internet culture with "Pizza Rat" and "Save your drunk friend rat"

Critique

I like the chart type that is used and that it has individual dots rather than just lines or bars. I don't really like that I am not sure what the blue line is exactly showing. I also don't like that there is no indication about what the darker and lighter dots represent. I plan to change it in a way to make it so that there are less unknowns.

Fall 2021

Mine

What month of the year has the most rat sightings?

In what season are there the most rat sightings?

Filter

Month – String – Excluded null values

CNT (count of rat sightings) - Integer

Stakeholders

- Who is your audience?
    - The people of New York, pest control, exterminators, anyone interest in rats/wildlife
- What assumptions did you make?
    - That the amount of rat sightings is less during winter due to the decrease in sightings around the new year's.
- What visualization tool/software did you use?
    - Tableau

What to submit: This document in PDF format only (if you do not know how to do this, ask).

Choose the best layout for your makeover visualization

- Portrait or Landscape
- Remove the page of the layout that you DO NOT choose. No blank pages!

Refine (Makeover – Portrait View)

Use an additional page if necessary. Remember, the purpose of visualization is "insight." Take and include a screenshot of your visualization and include it below. Use Data Visualization Best Practices (see data visualization checklist).

Refine (Makeover – Landscape view)

Use an additional page if necessary. Remember, the purpose of visualization is "insight." Take and include a screenshot of your visualization and include it below. Use Data Visualization Best Practices (see data visualization checklist).
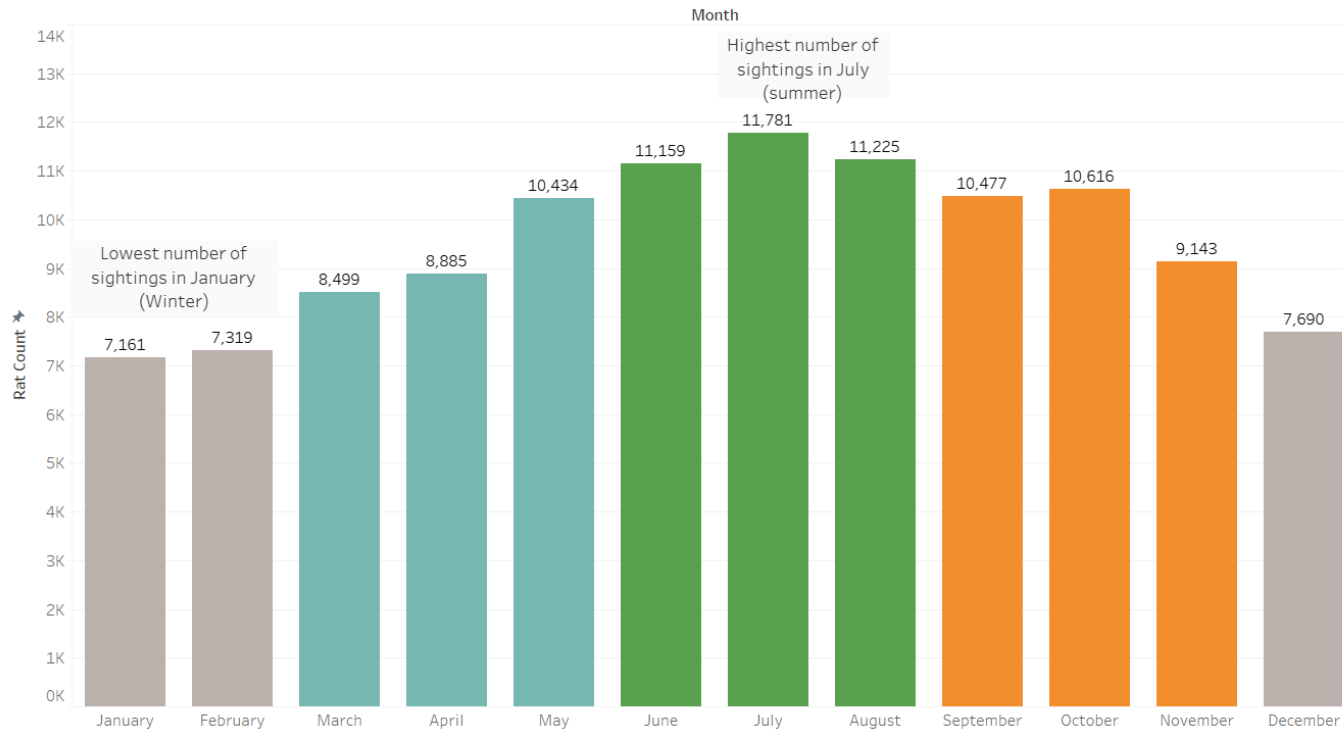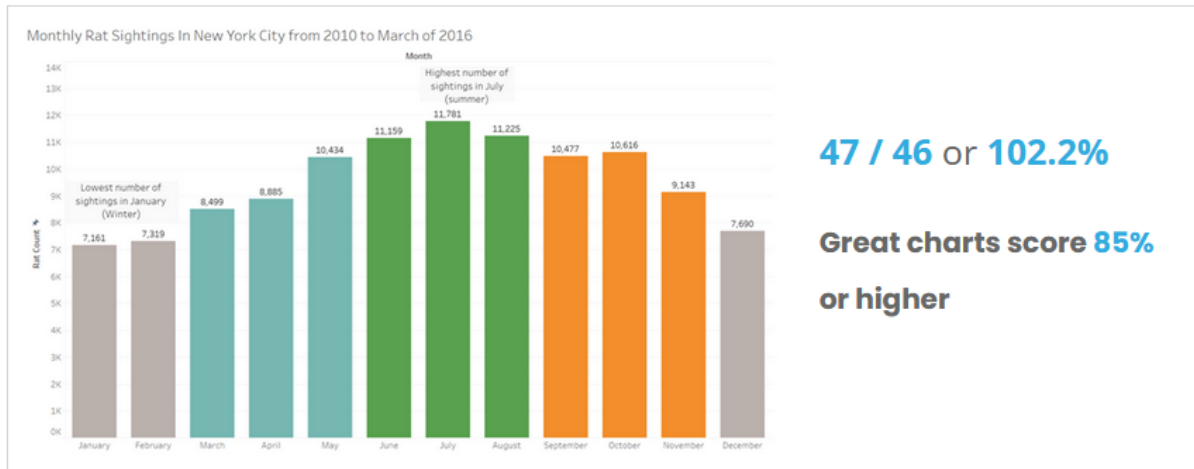

Figure Caption. The chart shows the amount of rat sightings per month in New York City over the period of 2010 to March of 2016. It shows that the highest number of sightings is in the month of July and overall the highest in the Summer. It also shows that the lowest number of sightings is in the month of January and overall the lowest in the Winter. The color legend had weird names so I didn't include it so here are what the colors represent: green is summer, teal is spring, grey is winter, orange is fall.

Resources
Data Visualization Checklist:
http://stephanieevergreen.com/wp-content/uploads/2016/10/DataVizChecklist_May2016.pdf

How to give constructive criticism:
https://personalexcellence.co/blog/constructive-criticism/

Sample Makeovers
https://www.makeovermonday.co.uk/gallery/

Grading Rubric

Excellent (21-25 pts)	Good (10-20 pts)	Fair (5 – 9 pts)	Needs Improvement (0 – 4 pts)
Meets **ALL** or most of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization),	Meets **MOST** of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization),	Consistently meets **SOME** of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could	Little to no evidence of the understanding of the data visualization process. Lackluster makeover or no makeover. Little effort.

assumptions (more than one) are listed.	assumptions (more than one) are listed.	be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	

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