

# Exploring Deer Ticks in New York

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# Goals

1. **Raise awareness** of ticks and tick borne illnesses using data -driven storytelling
2. **Present ideas** for possible causes for the spread of deer ticks
3. Experiment with **crowd sourced** ecological data



# Project Objectives

- Show *county-by-county distribution* of deer ticks (map)
- *Behavioral trends* in different species (SPLOM, histograms)
- *Explore climate correlations* with tick spread using animated line charts
- Use scroll-based storytelling for hypothesis-building



# New Updates

1. **Clean up** visualizations
  - a. Smooth transitions
  - b. Fix overlaps
2. Errors/ Difficulties
  - a. Scroll logic is flakey
  - b. Parent - child for div classes



# Discussion

- EDA before visualizations
  - Crowd sourced data is not clean
    - a. How to present missing values?
  - Overall proud of result!
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- Correlations between vegetation and humidity



# THANK YOU

