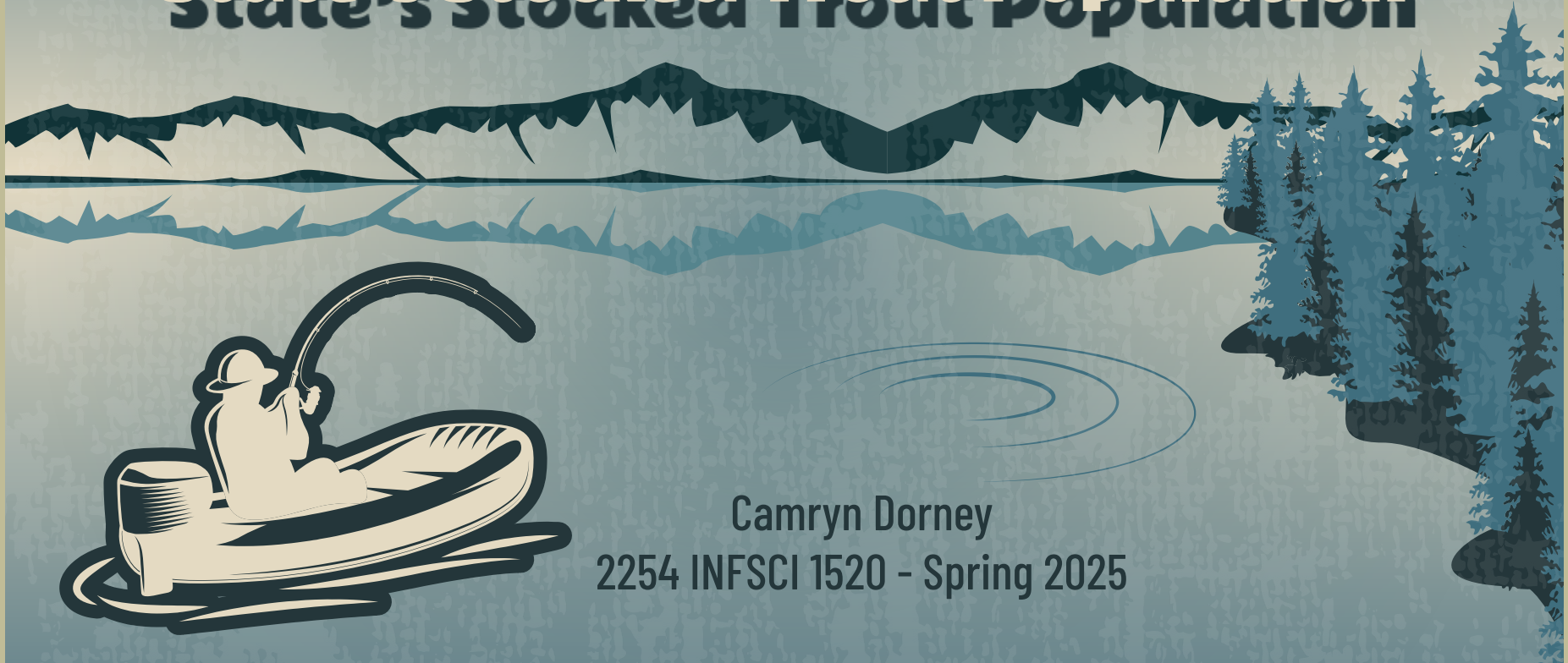# Comprehensive Analysis of New York State's Stocked Trout Population

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2254 INFSCI 1520 - Spring 2025

Overview and Data Used
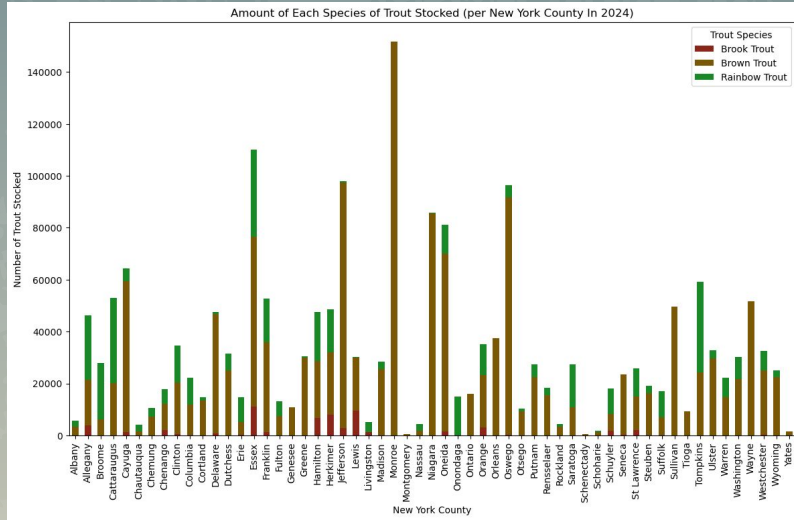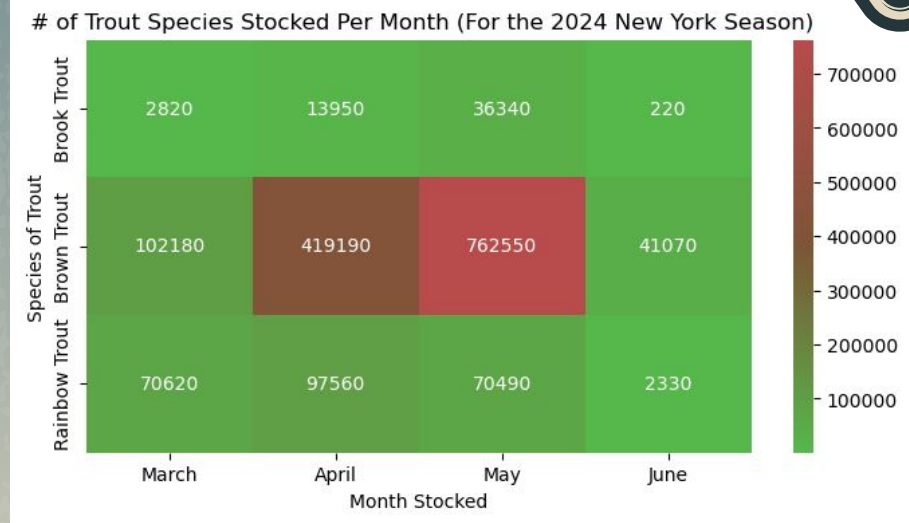

Overview

- This is a 17in Rainbow Trout caught by me last week!
- Fishing is a passion of mine so I wanted to do this project on it!
- Wanted to find the most optimal place and time to catch trout

Data Used

- Dataset came from data.gov
- Data stated that there were "close to 2 million catchable-size brook, brown, and rainbow trout in over 309 lakes and ponds and roughly 2,900 miles of streams across the state each spring"
- Particular Data was from 2024 (last fishing season, 2025 season has just started)
- Needed a lot of manipulation to get it the way I wanted to easily use it
    - Ex: had to use Regex to extract exact dates when it said "April - first week" instead of April

Graphs and Findings

Amount of Each Species of Trout Stocked (per New York County In 2024)

# of Trout Species Stocked Per Month (For the 2024 New York Season)

This is a bar chart of each County in New York and how many of each species they stocked over the course of 2024. The most was stocked in Monroe county, so if you want to catch anything go there!

The bar chart to the left shows where to catch fish, but not so much when to do it. So, this is a monthly heatmap to show you the optimal month to go fishing if you want to catch something. Clearly. May is the best month with April in close second, so the best time to go out is mid season.