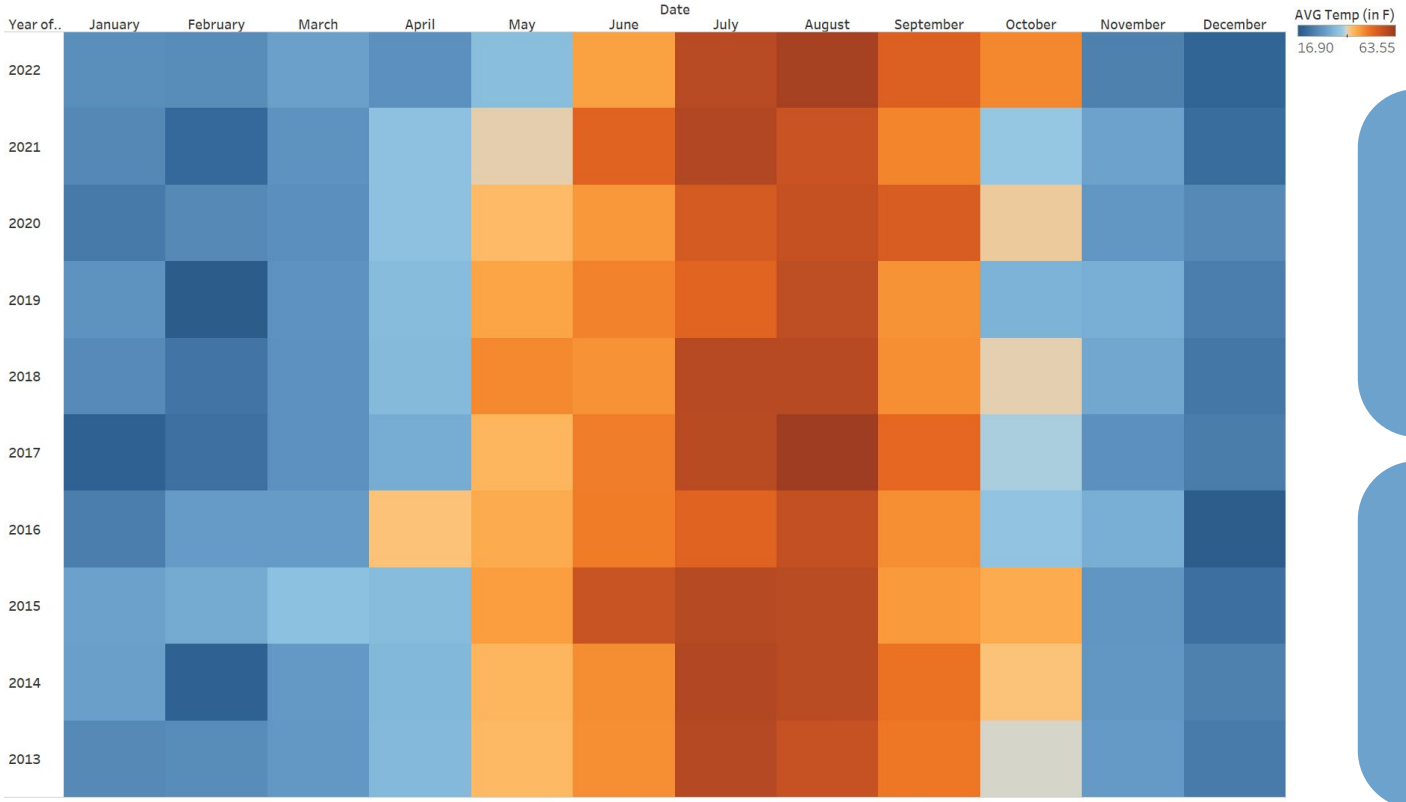
Assignment 2

3 Visualizations using the enchantments dataset

by Rachana Chetan

Visualization 1: Heat map of mean temperature

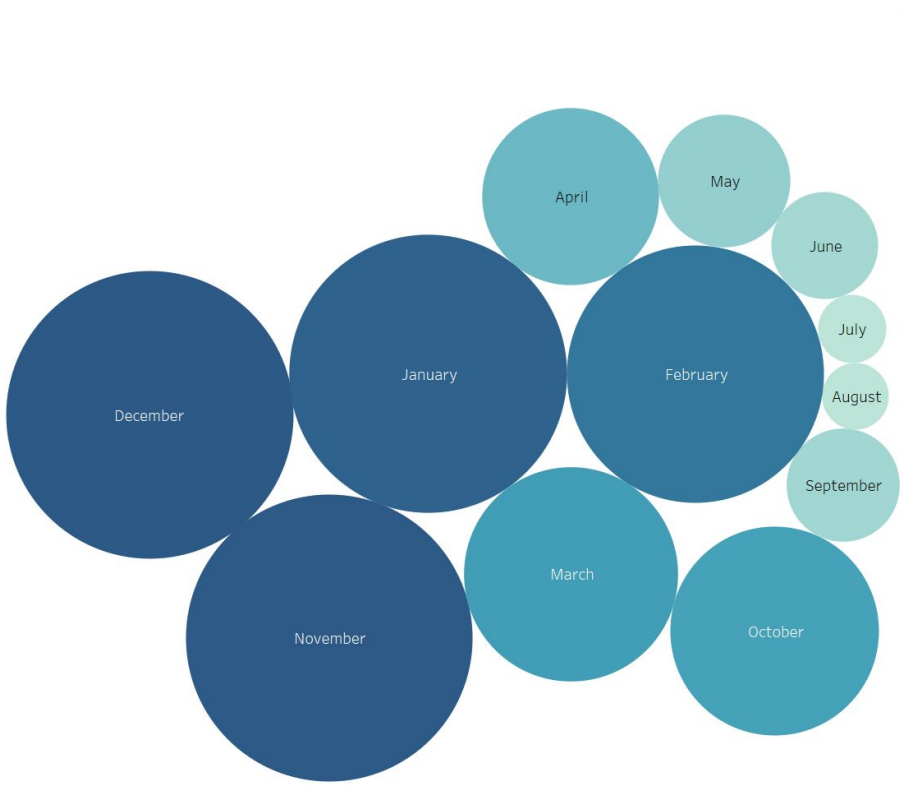


Average of tmean (degrees F) (color) broken down by Date Month vs. Date Year. The data is filtered on Date, which includes the last 12 years. The filter associated with this field ranges from 1/1/2013 to 12/31/2024.

This is a Heat map of mean temperature at the enchantments between 2013 and 2022 broken down by month

The best months to visit the enchantments would be between June and September, with an average temperature of 50-60 F !

Visualization 2: Bubble Chart

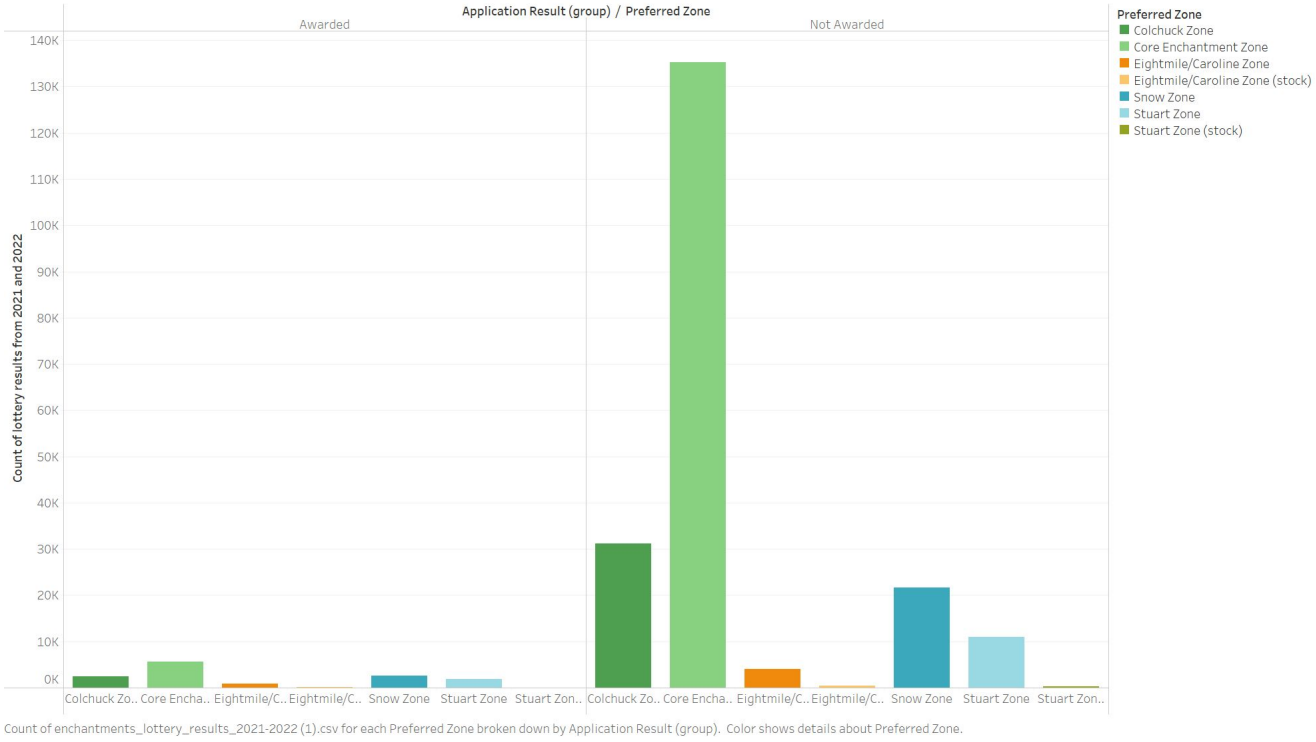


Date Month. Color shows average of Ppt (Inches). Size shows average of Ppt (Inches). The marks are labeled by Date Month.

This is a bubble chart of mean precipitation at the enchantments broken down by month

The best months to visit the enchantments based on precipitation would be between June and September again, with average rainfall of 0.018" !

Visualization 3: Bar Graph



Count of enchantments_lottery_results_2021-2022 (1).csv for each Preferred Zone broken down by Application Result (group). Color shows details about Preferred Zone.

This is a bar chart of number of applications that were accepted and rejected, broken down by their preferred zone.

The Core enchantment zone and Colchuck zones are the most popular zones based on application numbers, and consequently have the most number of rejections as well.