

Biodiversity for the National Parks

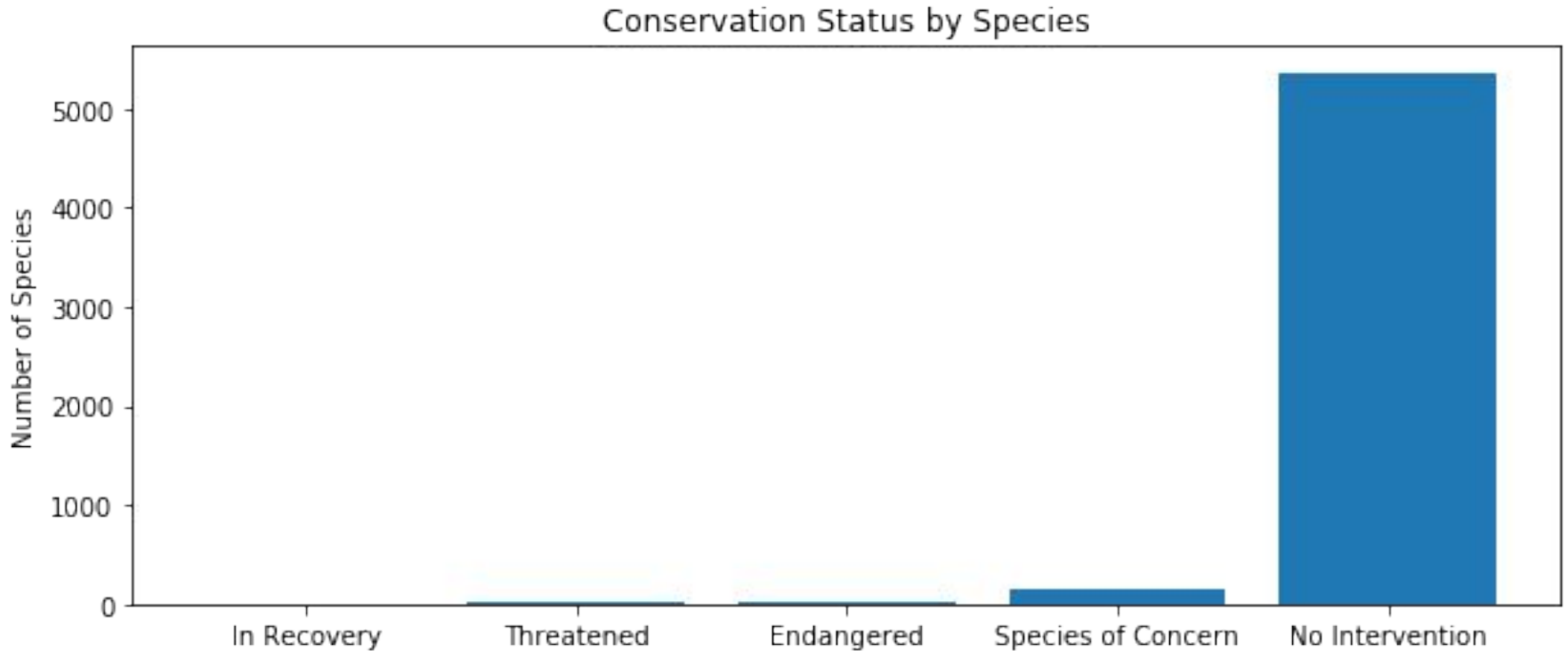
A Codecademy Capstone Project

Species Info

7 different categories that contain 5824 records of data for the species info csv document.

The majority of the conservation status column of data is left blank however. This makes it so that the results when looking at the count of values by conservation status look screwed until you assign them a value.

Conservation Status by Species



Significance Calculations

By observing the data from this data set it looks like that the Vascular Plant and Nonvascular Plants tend to be less protected compared to the other categories in the dataset. Mammals and Birds are the category that has the highest percentage of protected species of all the categories in this dataset.

Conservation Recommendations

I would recommend putting in a little more effort into protecting more of the Vascular Plant and Nonvascular Plant based on the dataset we are observing. Vascular Plant category has the highest amount of non protected species and also the lowest percentage of protected species.

Foot and Mouth Disease Study

The sample size by location from the observations dataset helps us set how many sheep would need to be observed from each park. Having this value allows the scientists estimate about how many weeks they would need to study each park in order to have the confidence they collected enough data to know if the program was successful at reducing the foot and mouth disease or not.

Observations of Sheep per Week

