

Austin Dollar
CSCI 385
12/7/2021

Project 2 feedback

Below is all of the feedback given by my entire group, for both the first run of feedback, as well as the second run. I included everyone's feedback, in order to show the feedback I gave others, as well as responded to the feedback given to me.

Project 2 Feedback - 1st Run

Austin Dollar

How can 4 and 5 point deers help model the success rate of the hunters?
Could maybe do # of hunters vs number of 5 point deer harvested to show how efficient hunters are - Jake

Response: While initially I was looking at modeling the success rate of hunters, your comment made me rethink this, and I have since pivoted and am now looking at how multiple factors affect the overall health of the deer heard, as measured by the %4Pts and %5Pts variables.

Try adding some bar graphs over the antler point groups to see the differences in the groups. Try to use other variables to help inform a better model like success percentage. - brandon

Response: I totally agree, that would be a great idea. I took this into account and added a few more graphs. You also make a good point regarding the model generation, so I will consider using multiple factors in my model.

Can state information having to do with hunting laws help? - Diego

Response: Information regarding state hunting laws may help form a baseline for what I am trying to model. I am trying to figure out if the health of the deer harvested, and consequently the herds, are healthy and if that changes over time. If it does, I will attempt to figure out what causes that change, which, if expanded upon, could very well help shape future laws and policies.

Jake Pate

Look into what variables mean - Austin

Look into scaling your axis for better data visualization. Look into modeling with other variables and data cleaning methods - Brandon

Diego

Part 2 not ready for peer review

- By continent
- Can i break it down by sport
- Past data for olympics
- Top 10 medal counts
- Can sports be grouped
- What does "Athletics" discipline mean
- Look out for testing disciplines such as adding one for a specific sport.
- Stats for specific sports
- Can I throw in coaches into the prediction?

Brandon

Maybe model location (homefield advantage) and how that influences the fight outcome.

Similar to Jake's comment, can you narrow down some variables to the most important to be able to predict the outcome of a fight. Maybe most significant moves (most likely to knock someone out/win) - Diego

In my eyes pick 3 to 10 stats that you think are the most significant and used them to make a general prediction because you do not care about how much they win by just that they win
- Jake Pate

Project 2 Feedback - 2nd Run

Austin

Use Density plots to show residuals of your results. Think of changing your predictions to raw counts instead of percentages. - Brandon

Response: This is a very good idea. When I shifted from a scatter plot to a density plot for my residuals, I noticed the normal distribution centered around zero, which is exactly what I wanted. Granted, the %5+Pts variable had some skew due to a concentration of data around zero, this idea really worked and helped me better illustrate what was going on.

Jake

Make sure to add and validate your models - Austin

Diego - Not here

Brandon

Maybe try to figure out a more efficient way to web scrape for testing on future fights? I know finding easily accessible and parseable data is hard though. -Austin

Some Visualizations if possible. If not totally project and when done when it came to modeling and predicting.