Week 6 Progress Report
DATA 450 Capstone

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Week ending: 3/2/25

Time Log

Day	Time	# Hours	Task(s)	GH Commit(s)
Mon.				
Tue.				
Wed.				
Thu.				
Fri.				
Sat.				
Sun.	12am-2am ; 1pm-6:30pm	2hrs ; 5.5hrs	Finished Q2 and prepared data for Q3 logistic regression	Link

Total # of hours worked this week: [7.5]

What you accomplished (or attempted) this week:

I have finished Question 2 (all visualizations). I have begun working on the machine learning part of my project (Question 3). I currently have one-hot encoded all categorical features, standardized numerical features, and split the data 70/30 into training and testing sets.

Any setbacks/roadblocks you experienced:

I created filled bar plots for Question 2, but that didn't show the total count of various races. I then also created a stacked bar plot with the y-axis being the total count of each race. There are now a total of 4 graphs for Question 2.

What you plan to work on next:

I wish to finish all parts of Question 3 and begin working on Question 4.

Are you on track? If not, how will you get back on track?

I am currently on track for my project.