Journal Report 5
9/30/19-10/04/19
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Daily Log

Monday September 30

Researched the console problem. I also kept researching why my console was not connecting to the output terminal. I looked up some fixes.

Tuesday September 10

Played around with the R notebook Mr. White showed me. I also read a couple articles that talked about what happens if you get a low p-value but also very low R squared values, and what implications this can have on my results for future analysis.

Thursday September 12

I helped people make ramen!
I also found the correct chi-squared method that would work for my data and put my data in to see if it worked. I'm not sure how valid my results are since I'm not sure if the variables were weighted correctly, but since my results were pretty consistant with what I got from my p-test, I have decided to finish up this section of the project and move on to the predictive analytics portion of the project for next week and also work on the code for the simulation.

Timeline

Date	Goal	Met
Sept 16	Run a regression on my factors and get p values for each factor. Run this by Mr. White to see if this makes sense. Start researching the best way to make my predictive analytics model	Yes, I received p values for the factors I tested.
Sept 23	Run a chi-squared goodness of fit test on the factors using R and obtain chi squared values for each factor. Determine weights based on these factors.	No, I did not ending up running a chi squared goodness of fit test since I tried to troubleshoot some RStudio problems, fixed gaps in my data,
Sept 30	Run a chi squared goodness of fit test and use that to affirm the p-values I got from my multi linear regression	Yes, my results are consistent. The multilinear regression was very helpful and is my main source of data.
Oct 7	Determine weights for the factors.	
Oct 15	Start writing the predictive analytics model with the factor weights I got from the week of October 7th.	

Reflection

It was a good transition week this week. I've pretty much finished the statistics for factors, and now I have to interpret those results to get the factor weights to put into my predictive analytics model. I would like to finish this part within the next month so I can continue to really verify my results and then work on putting the simulation together.