Case Study Rubric

How will I know I have succeeded? You will meet expectations on this case study when you follow the criteria in the rubric below.

Category	Details

Formatting	Submit each component listed in the rest of this rubric as advised below.
	● Written Portion
	  ○ Submit the written portion as a PDF file.
	● Data & Code
	  ○ Submit code created for all portions in a GitHub repository.
	  ○ Include any additional data that was used in GitHub if necessary.
	  ○ The GitHub should be titled "CS-[insert first & last name]"
	● References
	  ○ References should be included on a separate page at the end of the **Written Portion** PDF file.
	  ○ IEEE citation style

Written Portion	Discuss your interpretation of the study and thought process by answering the questions below.
	● In a small paragraph, summarize the problem presented in the study as well as its importance.
	● In a small paragraph, discuss your plan to meet the demands of the deliverable.
	  ○ Include a simple graphic that outlines your analysis plan that you will follow for this study.
	● Finally, discuss the results of your study in complete sentences as well as the significance of these results in the greater context.
	Reflection:
	● In a small paragraph, discuss the challenges you met while completing this study and how you overcame them.
	  ○ Also discuss what you could have done differently and how you plan to improve in the future.

Code	Your code should include… ● An exploratory data analysis with respect to happiness scores and 6 life evaluation factors. ○ Factors: GDP, life expectancy, social support, generosity, corruption, freedom ● A time-series regression analysis and model

	○ The model should be trained and tested on the provided cleaned dataset. 　　■ Use dataset **WHR.csv** 　　■ Located in "DATA" folder on GitHub ○ The model should then be used on the data from year 2022 to predict the happiness scores for 2022. 　　■ Retrieve 2022 data from **WHR data.xls** dataset 　　■ Located in "DATA" folder on GitHub ● Be sure to include comments so a viewer can understand your process.
References	● At the end of the written portion of this assignment please include a list of references in IEEE citation style that were NOT in the already given reference materials.