**Individual Peer Evaluation Form**

Your name: Thip Rattanavilay

Write the name of your classmate you are preparing this review for in the designated column. Using a scale of 1-4 (1=strongly disagree; 2=disagree; 3=agree; 4=strongly agree) answer each question. If you aren’t able to answer the question based on what is posted in the discussion board, reach out to your classmate for more information via the discussion board. Total the numbers in each column. **Make sure to answer the questions on the 2nd page.**

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| Evaluation Criteria | Peer Name:  **Carly Bradley** |
| Has plan in place to complete course project. | 4 |
| Has found datasets/data sources to support project idea. | 4 |
| Has solidified project idea. | 4 |
| Has identified resources for project. | 4 |
| Topic is related to data science and demonstrates topics learned to date through program. | 4 |
| Risks and potential issues have been identified. | 4 |
| TOTALS | 24 |

Feedback on Individual’s project topic:

1. How clear is the classmates project topic? What questions does their topic make you consider?

The topic is very clear and understandable. Global Distribution of Deaths from Unsafe Water prediction is one of the most complex problems and predictive analytics can give great insights and patterns among the variables. However, my question is if you are only choosing this based on the World then how you plan to generalize this model for other countries can adopted? Usually, smaller country doesn’t have the most accurate data to provide, so trend analysis is going to be hard to predict, but this is not the case with larger countries with high volatility, or is the model only built for developed country? My second question is are you only taking technical analysis approach or are you going to add countries fundamentals to look at overall distribution of unsafe waters.

1. What risks or issues should your classmate consider while working on their project?

Consider how far back historic unsafe waters are globally you want to analyze for top 5 country of distribution unsafe water prediction. I am also interested in knowing what and how you will be choosing your dataset via Globally, because there are so many unknowns with very large dataset. Do you plan to narrow it down?

1. Additional suggestions/comments that might be beneficial to your peer?

I would suggest, look for methods that are used for this type of analysis. Look into classification model and forecast model, they have some good results. If you are interested, you can try to do Prophet to see time series as well.

Adapted from a peer evaluation form developed at Johns Hopkins University (October, 2006)