**Individual Peer Evaluation Form**

Brian Reppeto:

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:  Sauda Haywood |
| 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 classmate’s project topic? What questions does their topic make you consider?

The project topic is very clear and defined.

Questions:

1. How will imbalanced classes affect your project since obesity is not equally distributed across populations?
2. Will demographic data be explored and how will this affect your model’s prediction?
3. What risks or issues should your classmate consider while working on their project?
4. Missing or inaccurate information could affect your model, especially if the data is self-reported.
5. One of the models mentioned being used is Random Forest, which could lead to possible overfitting. Cross-validation might be considered to off-set this.
6. Additional suggestions/comments that might be beneficial to your peer?
7. One additional step in this process that might be beneficial is a feature engineering step to help with the model’s performance.
8. Additional models (Xgboost or SVM) outside of the Logistic Regression and Random Forest might be considered if the outlined models do not perform well.

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