**Individual Peer Evaluation Form**

Your name: **Sameer Nepal**

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.**

|  |  |
| --- | --- |
| Evaluation Criteria | Peer Name:  **Yousof Rahimian** |
| 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 |

1. **How clear is the classmate’s project topic? What questions does their topic make you consider?**

Congratulations on your baby announcement Sameer.

Sameer’s course project is clear and in my view this project will be the interesting to fallow during this semester and I’m excited to see the result. As everyone expect to have healthy childbirth, working with the birth data in this time is one of the admirable category’s topics because extremely related to data science field.

Women who smoke have more difficulty becoming pregnant and have a higher risk of never becoming pregnant which means every single woman who decided to have a child they should know the relation between smoking and babies.

The question that arose in my mind in relation to this issue is that does Babies whose mothers smoke while pregnant or who are exposed to secondhand smoke after birth have weaker lungs than other babies?

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

As he mentioned in the project proposal “By creating this model people will have the ability to see if their baby is going to be underweight because of their smoking habit.” I would recommend him to add more question of his analysis because, for my point of view, the health of both mother and child need to be examined.

Random Forest is one of the most common classification algorithms which he has plan to use it during this analysis. I think the size of dataset he chooses is big enough to see the prediction in this analysis which he mentioned as a risk.

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

Mothers who smoke are more likely to deliver their babies early. Preterm delivery is a leading cause of death, disability, and disease among newborns. Both babies whose mothers smoke while pregnant and babies who are exposed to secondhand smoke after birth are more likely to die from sudden infant death syndrome (SIDS) than babies who are not exposed to cigarette smoke.Babies whose mothers smoke are about three times more likely to die from SIDS. I would suggest him to complete this topic as course project and try to solve the problem if he faced during the analysis. Any problems have a solution, do not give up and complete your analysis.