

CSIT5210 Project Proposal Comment

Group No.: 4

Title: Proposal of Predicting Adverse Events after COVID-19 Vaccination

Type: Research

Comment (given by Raymond):

1. The members in this group plan to conduct research for predicting adverse events after COVID19 vaccination. They plan to identify triggers and people at risk after vaccination. They also determine the severity of symptoms and predict which vaccines most likely require hospitalization.
2. In the final report, it is better to include a case study to show how the prediction result generated by the proposed model is better than the one generated by the other baseline models.
3. If you use some codes written by others, please cite them in the report.
4. You could also implement the codes by yourself (even though there are some existing codes available). In this case, please do an experiment to compare the performance of your implementation with the performance of the existing implementation to see which one is better.
5. It is encouraged for this group to download the real datasets earlier (e.g., data obtained from VAERS) so that there are some real datasets to start with.
6. This project involves different models which require GPU computation, which is time-consuming. Please read the machine configuration of the existing papers (e.g., how many GPU's) to see whether you have enough powerful machines for your experiments. As you know, you will finish this project by mid-Nov.
7. Tuning parameters in the model is time-consuming. It is better to try the parameter tuning in order that you could finish the project by the deadline.
8. In Section 2.3, the students wrote "XXXX cases" and "XXXX people". It is better to fill in some numbers in the final report.