- Which model do you think performs best on the test set?

  - I think Multilayer Perceptron performs the best on the test set given to us.

- Which metric(s) did you base your decision on?

  - I based my answer on looking at all four matrices but mainly focused on the accuracy, precision, and f1 because the value closer to the 1 for the precision and accuracy is better and Multilayer Perceptron gives us values closer to 1. f1 is important because it tells you the value of precision and recall using the harmonic mean on a single metric.

- Why did you decide that these metrics were most important for this task?

  - I think these metrics are important because accuracy tells you how accurate you are to the measurement and precision tells you how precise your measurement was. And, also f1 is important when you look at a specific metric not entire metrics.

- Were there any other factors in your decision to select this model going forward?

  - Yes, there was one more factor in my decision. I have taken intro to data science class at UIC and in which I learned about linear regression and svm model but I was unable to learn about other models while we had a choice to other models but I decided to use forest classifier and now I'm getting a chance to use Multilayer perceptron and I was use that model and learn more about that model so I can learn something new.