**DAT 205 Meeting Minutes Mar 29, 2021 at 2130hrs ET**

**Topic:** Team meeting – Project (Final Report and Final Presentation)

**Participants:**

Bhavika Patil

Cindy Guo

Dennis Hung

**Discussion**

* Advanced Metric – WinShare
  + Technical debt heavy and is out of scope
* Recommendation Bhavika’s Plan
* To selection players for replacement
  + Create file for 2014-2020 seasons (under Git Data called “gamelog2014-2020.xlsx”) to focus the search based on average performance
    - Find non-players that have better average Toronto team average based on the 3 features (+/-, PER, PIE) for the past 5 years
    - Find bottom 3 Toronto Players for the past 5 years performance
  + Replicate file for 2019-2020 season to be modified to replace unwanted TOR players with selected non-TOR players
  + Run file as test using the predicted model (Random Forest)
  + Predicted wins and team improvement
    - (Low priority) Recalculate the Team average by replacing the unwanted Toronto players with non-Toronto players
* Reloading model prediction
  + <https://machinelearningmastery.com/save-load-machine-learning-models-python-scikit-learn/>

**Action Item**

Group:

* Next Group meeting is
  + Thu Apr 1 after class
* Start inputting to final report (priority) and presentation

Bhavika

* Review model (code) and test replacing players if that will work

Cindy

* Determine the bottom 5 TOR players and the top 5 non-TOR players and relate their salaries.
* Reconstruct the test prediction file

Dennis

* Create code to take in created model data to run new test data. Save the final modeling to Git for re-use
* Record all current model analysis