**DAT 205 Meeting Minutes Mar 15, 2021 at 2130hrs ET**

**Topic:** Team meeting – Project

**Participants:**

Bhavika Patil

Cindy Guo

Dennis Hung

**Discussion**

**Objective (review)**

* Improve team according player performance metrics to improve team WINS
  + Secondary considerations will review player cost effectiveness
* In-Scope
  + Focus on player historical stats data from 2005 to 2020 (ie 2019-2020) of analysis
  + Player salaries from 2020 onwards
* Assumptions
  + Use Toronto Raptors 2019-20 season / players as a baseline to see what are the team’s weak or strong features. This could be used as the training data
  + Use 2020-21 season as the test data

Issue #1: Submission of Proposal Final

* Submit as is

Issue #2:

Next meeting:

* Monday, Mar 15th at 930am
* Start discussion on interim presentation

**Action Item**

All

* After draft interim presentation., group to population slides
* Read up on
  + Advance NBA metrics
    - <https://bleacherreport.com/articles/1813902-advanced-nba-stats-for-dummies-how-to-understand-the-new-hoops-math>
  + glossary/terms used in basketball
    - <https://www.nba.com/stats/help/glossary/>

Bhavika

* Test Dennis’ code for model
  + Modeling coding/test
* Refine PlayByPlay code
* (New) How to implement advance metrics/stats calculations

Cindy

* PoC (Proof of Concept / small sample) for advance stats for PER and WinShare
* Create graphs for Player averages for the past 3 years (use player pics!)
* Continue investigate possible correlations on player stats to team wins

Dennis

* Remove Submit Final Proposal
* Prepare Interim proposal draft for Mar 18th
* Baseline working code for analysis like short assignment.
* How to handle/calculation player performance metrics?