1. Introduction
   1. Background
   2. Problem
   3. Interest
2. Data accquisition and cleaning
   1. Data sources
   2. Data cleaning
   3. Feature selection
3. Exploratory Data Analysis
   1. Calculation of target variable
   2. Relationship between improvement and age
   3. Relationship between improvement and overall ability
   4. Relationship between improvement and minutes played
   5. Relationship between improvement and games played
   6. Relationship between improvement and positions
   7. Relationship between improvement and last year’s improvement
   8. Relationship between improvement and draft posiotions
   9. Relationship between improvement and teams
4. Predictive Modeling
   1. Regression models
      1. Applying standard algorithms and their problems
      2. Solution to the problems
      3. Performances of different models
   2. Classification
5. Conclusions
6. Future directions