# Finals Project Suggestion

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**Data set decription**: taken from <https://www.kaggle.com/datasets/omarsobhy14/nba-players-salaries?resource=download> (notice we added 2K-Rating column by our own)

* Player Id - integer
* Player Name - string
* 2022/2023 Salary - integer + ‘$’
* 2023/2024 Salary - integer + ‘$’
* 2024/2025 Salary - integer + ‘$’
* 2K-Rating – integer (in the range of 60-99)

**Question we want to answer**: By learning the salaries of each year can we predict the rating of new incoming players to the NBA?

**Model we will be using in our project**:

* SVM model
* Random Forest model
* AdaBoost model
* KNN(k-nearest-neighbors) model