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Title: NBA Player Salary Prediction Using Machine Learning

Abstract:

Our research focuses on analyzing NBA player data to predict player salaries. The dataset contains information about various NBA players, including their performance statistics, positions, and teams. By leveraging data analytics techniques, we aim to develop a predictive model that can estimate player salaries accurately. Our approach involves data preprocessing, feature engineering, model training, and evaluation to construct an effective salary prediction model.

Evaluation:

We plan to evaluate the performance of our salary prediction model using metrics such as mean absolute error (MAE), and root mean squared error (RMSE).

Dataset: NBA Player Salaries (2022-23 Season)

- Number of records: 467 Rows
- Number of columns: 51 Columns
- Column data types:
    - Mostly Numerical
    - Categorical
        - Name (Won't be used for model)
        - Team
        - Position
- Target Variable: Player Salary (numerical)
- Link: [NBA Player Statistics and Salary Dataset]