I will be working with the [NBA Players](https://www.kaggle.com/datasets/justinas/nba-players-data) data from Kaggle. The data is about biometric, biographic, and basic box score features of the players from 1996 season to the current season.

Because of the repeated info every season, I’m going to filter out and focus only on one of the recent season’s data.

The data has about 520 – 550 rows (depending on the season I’ll pick) with 21 columns (variables) but I’ll be dropping the last column (season). Below is the variables’ description;

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| --- | --- | --- |
| **Variable Name** | **Variable Type** | **Variable Description** |
| player\_name | Character string | The player’s full name |
| team\_abbreviation | Character string | 3 letter abbreviated name of the team the player played for (at the end of the season) |
| age | Numeric | Age of the player |
| player\_height | Numeric | Height of the player in centimetres |
| player\_weight | Character string | Weight of the player in kilograms |
| college | Character string | Name of the college player attended |
| country | Character string | The player’s country of birth, not country of citizenship |
| draft\_year | Character string | The year the player was drafted into the NBA |
| draft\_round | Character string | The draft round the player was picked |
| draft\_number | Character string | The number at which the player was picked in his draft round |
| gp | Numeric | Number of games played throughout the season |
| pts | Numeric | Average number of points scored per game |
| reb | Numeric | Average number of rebounds grabbed per game |
| net\_rating | Numeric | Team's point differential per 100 possessions while the player is on the court |
| oreb\_pct | Numeric | Percentage of available offensive rebounds the player grabbed while he was on the floor |
| dreb\_pct | Numeric | Percentage of available defensive rebounds the player grabbed while he was on the floor |
| usg\_pct | Numeric | Percentage of team plays used by the player while he was on the floor (FGA + Possession Ending FTA + TO) / POSS) |
| ts\_pct | Numeric | Measure of the player's shooting efficiency that takes into account free throws, 2 and 3 point shots (PTS / (2\*(FGA + 0.44 \* FTA))) |
| ast\_pct | Numeric | Percentage of teammate field goals the player assisted while he was on the floor |
| ast | Numeric | Average number of assists distributed per game |