Abbreviations

**# NBA\_season1718\_salary.csv**

Player: Player first and last name

Tm: Team abbreviation

Salary: Player’s base salary

**# player\_PER.csv**

RK: Rank based on PER

PLAYER: Player first and last name

GP: Games Played during 2017-2018 season

MPG: Minutes Per Game played

TS%: True Shooting Percentage

AST: Assist Ratio

TO: Turnover Ratio

USG: Usage Rate

ORR: Offensive Rebound Rate

DRR: Defensive Rebound Rate

REBR: Rebound Rate

PER: Player Efficiency Rating

* Rating of player’s per-minute productivity

VA: Value Added

EWA: Estimated Wins Added

TEAM: Team abbreviation

Qualifications:

* Players on pace to play 500 or more minutes
* Player must have played 6.90 MPG (minutes per game)

League Average PER Rating = 15.0

**# 2017-18\_playerBoxScore.csv**

gmDate: Game Day Date (Year-Month-Day)

gmTime: Game scheduled start time (ET)

seasTyp: Season Type

playLNm: Player last name

playFNm: Player first name

teamAbbr: Team Abbreviation

teamConf: Team conference

teamDiv: Team division

teamLoc: whether team was home or visitor

teamRslt: whether team won or lost

teamDayOff: number of days since last game played by team

offLNm1: Official 1 last name (Referee)

offFNm1: Official 1 first name (Referee)

offLNm2: Official 2 last name (Referee)

offFNm2: Official 2 first name (Referee)

offLNm3: Official 3 last name (Referee)

offFNm3: Official 3 first name (Referee)

playDispNm: Player display name

playStat: identifies starting status of player

playMin: Player minutes on floor

playPos: Player position during game

playHeight: player height

playWeight: player weight

playBDate: Player date of birth

playPTS: points scored by player

playAST: assists made by player

playTO: Turnovers made by player

playSTL: steals made by player

playBLK: blocks made by player

playPF: personal fouls made by player

playFGA: field goal attempts made by player

playFGM: field goal shots made by player

playFG%: field goal percentage made by player

play2PA: two point attempts made by player

play2PM: two point shots made by player

play2P%: two point percentage made by player

play3PA: three point attempts made by player

play3PM: three point shots made by player

play3P%: three point percentage made by player

playFTA: free throw attempts made by player

playFTM: free throw shots made by player

playFT%: free throw percentage made by player

playORB: offensive rebounds made by player

playDRB: defensive rebounds made by player

playTRB: total rebounds made by player

opptAbbr: abbreviation of opponent

opptConf: opponent conference

opptDiv: opponent division

opptLoc: whether opponent is home or visiting

opptRslt: whether opponent won or lost

opptDayOff: number of days since last game played by opponent

**# 2017-18\_AdvancedStats\_Salary.csv**

Player: player name first and last name

NBA\_Country: Country they are from

NBA\_DraftNumber: number they were picked during the draft

Salary: players base2017-2018 salary

Signed Using:

Guaranteed: the salary they are guaranteed

Pos: players position

Age: players age

Tm: team abbreviation

G: games played

MP: minutes played

PER: Player Efficiency Rating

TS%: TS%: True Shooting Percentage  
3Par: three point attempt rate

FTr: free throw rate

ORB%: offensive rebound percentage

DRB%: defensive rebound percentage

TRB%: total rebounds percentage

AST%: assist percentage

STL%: steal percentage  
BLK%: block percentage  
TOV%: turnover percentage

USG%: Usage Rate  
OWS: offensive win shares

DWS: defensive win shares

WS: win shares

WS/48: win shares per 48 minutes

OBPM: offensive box plus/minus

DBPM: defensive box plus/minus

BPM: box plus/minus

* Box score-based metric for evaluating basketball players’ quality and contribution to the team

VORP: value over replacement player

* Converts the BPM rate into an estimate of each player’s overall contribution to the team, measured vs. what a theoretical “replacement player” would provide, where the “replacement player” is defined as a player on minimum salary or not a normal member of a team’s rotation.

**# NBAadvancedstats17\_18.csv**

PLAYER\_ID: player id number

PLAYER\_NAME: player first and last name

TEAM\_ID: team id number

TEAM\_ABBREVIATION: team name abbreviation

AGE: age of player

GP: games played

W: games won

L: games lost

W\_PCT: games won percentage

MIN: minutes played on average

OFF\_RATING: offensive rating

DEF\_RATING: defensive rating

NET\_RATING: net rating

AST\_PCT: assist percentage

AST\_TO: assist to turnover

AST\_RATIO: assist ratio

OREB\_PCT: offensive rebound percentage  
DREB\_PCT: defensive rebound percentage

REB\_PCT: rebound percentage

TM\_TOV\_PCT: team turnover percent   
EFG\_PCT: effective field goal percentage

TS\_PCT: true shooting percentage  
USG\_PCT: usage percentage  
PACE: the number of possessions per 48 minutes

PIE: Player Impact Estimate

FGM: field goals made  
FGA: field goals attempted  
FGM\_PG: average field goals made per game

FGA\_PG: average field goals attempted per game

FG\_PCT: field goal percentage  
GP\_RANK: games played rank

W\_RANK: wins rank

L\_RANK: losses rank  
W\_PCT\_RANK: win percentage rank  
MIN\_RANK: minutes played rank

OFF\_RATING\_RANK: offensive rating rank

DEF\_RATING\_RANK: defensive rating rank

NET\_RATING\_RANK: overall net rating rank  
AST\_PCT\_RANK: assist percentage rank

AST\_TO\_RANK: assist to turnover rank

AST\_RATIO\_RANK: assist rating rank

OREB\_PCT\_RANK: offensive rebounding percentage rank

DREB\_PCT\_RANK: defensive rebounding percentage rank

REB\_PCT\_RANK: rebounding percentage rank

TM\_TOV\_RANK: team turnover rank

EFG\_PCT\_RANK: effective field goal percentage

TS\_PCT\_RANK: true shooting percentage rank

USG\_PCT\_RANK: usage percentage rank

PACE\_RANK: number of possessions per 48 min rank

PIE\_RANK: player impact estimate rank

FGM\_RANK: field goals made rank

FGA\_RANK: field goals attempted rank

FGM\_PG\_RANK:

FGA\_PG\_RANK:

FG\_PCT\_RANK:

CFID:

CRPARAMS: