## **About Dataset**

### **Context**

This dataset contains 2022 MLB player stats.  
Note that there are duplicate player names resulted from team changes.

### **Content**

+900 rows and +20 columns.  
Columns' description are listed below.

Pitching:

* Rk : Rank
* Name : Player name
* Age : Player's age
* Tm : Team
* Lg : League
* W : Wins
* L : Losses
* W-L% : Win-Loss percentage
* ERA : 9 \* ER / IP
* G : Games played
* GS : Games started
* GF : Games finished
* CG : Complete game
* SHO : Shutouts
* SV : Saves
* IP : Innings pitched
* H : Hits/Hits allowed
* R : Runs scored/allowed
* ER : Earned runs allowed
* HR : Home runs hit/allowed
* BB : Bases on balls/walks
* IBB : Intentional bases on balls
* SO : Strikeouts
* HBP : Times hit by a pitch
* BK : Balks
* WP : Wild pitches
* BF : Batters faced
* ERA+ : 100 \* (logERA/ERA)
* FIP : Fielding independent pitching. Measures a pitcher's effectiveness at HR, BB, HBP and causing SO.
* WHIP : (BB + H) / IP
* H9 : 9 \* H / IP
* HR9 : 9 \* HR / IP
* BB9 : 9 \* BB / IP
* SO9 : 9 \* SO / IP
* SO/W : SO / W

Batting:

* Rk : Rank
* Name : Player name
* Age : Player's age
* Tm : Team
* Lg : League
* G : Games played
* PA : Plate appearances
* AB : At bats
* R : Runs scored/allowed
* H : Hits/hits allowed
* 2B : Doubles hit/allowed
* 3B : Triples hit/allowed
* HR : Home runs hit/allowed
* RBI : Runs batted in
* SB : Stolen bases
* CS : Caught stealing
* BB : Bases on balls/walks
* SO : Strikeouts
* BA : Hits/at bats
* OBP : (H + BB + HBP) / (AB + BB + HBP + SF)
* SLG : Total bases/at bats or (1B + 2 \* 2B + 3 \* 3B + 4 \* HR) / AB
* OPS : On-base + Slugging percentages
* OPS+ : 100 \* (OBP / logOBP + SLG / logSLG - 1)
* TB : Total bases
* GDP : Double plays grounded into
* HBP : Times hit by a pitch
* SH : Sacrifice hits
* SF : Sacrifice flies
* IBB : Intentional bases on balls

### **Acknowledgements**

Data from [Baseball Reference](https://www.baseball-reference.com/leagues/majors/2022-standard-pitching.shtml).  
Image from [MLB](https://www.mlb.com/).

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