

# Metadata - Lahman's Baseball Dataset

## Baseball Data Visualization in Power BI

Batting	
playerID	Player ID code
yearID	Year
stint	Player's stint (order of appearances within a season)
teamID	Team
lgID	League ID
G	Games
AB	At Bats (an at-bat occurs when a player either gets a hit or makes an out)
R	Runs (a player who advances around all the bases to score is credited with a run; the team with the most runs wins the game)
H	Hits (a hit happens when the batter makes contact with the ball and safely makes it to one of the bases)
2B	Doubles (a hit where the batter makes it safely to second base before the ball can be returned to the infield)
3B	Triples (act of a batter safely reaching third base after hitting the ball)
HR	Homeruns (a base hit in which the batter is able to circle all the bases, ending at home plate and scoring a run himself)
RBI	Runs Batted In (a run scored as a result of a hit)
SB	Stolen Bases (occurs when a baserunner successfully advances to the next base while the pitcher is delivering the ball to home plate)
CS	Caught Stealing (occurs when a runner attempts to steal but is tagged out before reaching second base, third base or home plate)
BB	Base on Balls (occurs when a pitcher throws four pitches out of the strike zone, none of which are swung at by the hitter)
SO	Strikeouts (occurs when a pitcher throws any combination of three swinging or looking strikes to a hitter)
IBB	Intentional walks (occurs when the defending team elects to walk a batter on purpose, putting him on first base instead of letting him try to hit)
HBP	Hit by pitch (occurs when a batter is struck by a pitched ball without swinging at it)
SH	Sacrifice hits (occurs when a player is successful in his attempt to advance a runner (or multiple runners) at least one base with a bunt)
SF	Sacrifice flies (occurs when a batter hits a fly-ball out to the outfield or foul territory that allows a runner to score)
GIDP	Grounded into double plays (occurs when a player hits a ground ball that results in multiple outs on the bases)
yearAndTeam	ID for year and team
playerYearAndTeam	ID for player, year and team
nameAndTeam	ID for name and team

Fielding	
playerID	Player ID code
yearID	Year
stint	Player's stint (order of appearances within a season)
teamID	Team
lgID	League
POS	Position
G	Game
GS	Games Started
InnOuts	Time played in the field expressed as outs
PO	Putouts (a fielder is credited with a putout when he is the fielder who physically records the act of completing an out)
A	Assists (an assist is awarded to a fielder who touches the ball before a putout is recorded by another fielder.)
E	Errors (a fielder is given an error if, in the judgment of the official scorer, he fails to convert an out on a play that an average fielder should have made)
DP	Double Plays (occurs when two offensive players are ruled out within the same play)
PB	Passed Balls (a catcher is given a passed ball if he cannot hold onto a pitch that he should have)
WP	Wild Pitches (a pitcher is charged with a wild pitch when his pitch is so errant that the catcher is unable to control it and, as a result, baserunner(s) advance)
SB	Opponent Stolen Bases (by catchers)
CS	Opponents Caught Stealing (by catchers)
ZR	Zone Rating (a percentage of the balls fielded successfully in a player's zone)
yearAndTeam	ID for year and team
playerYearAndTeam	ID for player, year and team

People	
playerID	A unique code assigned to each player. The playerID links the data in this file with records in the other files.
birthYear	Year player was born
birthMonth	Month player was born
birthDay	Day player was born
birthCountry	Country where player was born
birthState	State where player was born
birthCity	City where player was born
nameFirst	Player's first name
nameLast	Player's last name

Teams	
yearID	Year
lgID	League
teamID	Team
franchID	Franchise (links to TeamsFranchise table)
divID	Team's division
Rank	Position in final standings
G	Games played
GHome	Games played at home
W	Wins
L	Losses
DivWin	Division Winner (Y or N)
WCWin	Wild Card Winner (Y or N)
LgWin	League Champion(Y or N)
WSWin	World Series Winner (Y or N)

TeamsFranchises	
franchID	Franchise ID
franchName	Franchise name
active	Whether team is currently active (Y or N)
NAassoc	ID of National Association team franchise played as