* **Age** – player age in years
* **Games** – games played
* **Innings Pitched (IP)** – innings pitched (decimals denote partial innings e.g. pitcher threw 7 innings and made one out in the 8th inning and then a new pitcher was brought in. The first pitcher threw 7.1 innings)
* **Batters Faced (BF)** - a count of the number of total plate appearances against a certain pitcher or team
* **Hits (H)** - A hit occurs when a batter strikes the baseball into fair territory and reaches base without doing so via an error or a fielder's choice
* **Strikeout Rate (K%)** - Strikeout rate represents the frequency with which a pitcher strikes out hitters, as determined by total strikeouts divided by total batters faced
* **Walk Rate (BB%)** - Walk rate represents the frequency with which a pitcher walks hitters, as determined by total walks divided by total batters faced
* **Outs** - an out is recorded when a player at bat or a baserunner is retired by the team in the field
* **ERA** - Earned run average represents the number of earned runs a pitcher allows per nine innings -- with earned runs being any runs that scored without the aid of an error or a passed ball. ERA is the most commonly accepted statistical tool for evaluating pitchers. The formula for finding ERA is: 9 x earned runs / innings pitched. If a pitcher exits a game with runners on base, any earned runs scored by those runners will count against him.
* **Strike Zone defined** - The official strike zone is the area over home plate from the midpoint between a batter's shoulders and the top of the uniform pants -- when the batter is in his stance and prepared to swing at a pitched ball -- and a point just below the kneecap. In order to get a strike call, part of the ball must cross over part of home plate while in the aforementioned area. Strikes and balls are called by the home-plate umpire after every pitch has passed the batter, unless the batter makes contact with the baseball (in which case the pitch is automatically a strike).
  + https://library.fangraphs.com/offense/plate-discipline/#:~:text=Z%2DContact%25%20%3D%20Number%20of,which%20contact%20was%20made%20%2F%20Swings
  + **Zone Swing %** - Swings at pitches inside the zone / pitches inside the zone
  + **Zone Swing & Miss %** - swings and misses at pitches inside the zone / pitches inside the zone
  + **Out of Zone Swing %** - Swings at pitches outside the zone / pitches outside the zone
  + **Out of Zone Swing & Miss %** - Swings and misses at pitches outside the zone / pitches outside the zone
  + **Out of Zone Contact %** - Number of pitches on which contact was made on pitches outside the zone / Swings on pitches outside the zone
  + **Out of Zone %** - pitches outside the zone / total pitches
  + **Meatball % -** <https://fivethirtyeight.com/features/heres-what-happens-when-a-pitcher-throws-a-meatball/> meatball pitches / total pitches
  + **In Zone Contact %** - Number of pitches on which contact was made on pitches inside the zone / Swings on pitches inside the zone
  + **In Zone %** - Pitches in the strike zone / Total pitches
  + **Edge %** - https://blogs.fangraphs.com/edge-its-baaaack/
* **Whiff %** - Whiff Percentages are based on swings / (total swings) (% of swings that miss)
* **Swing %** - Swing Percentages are based on swings / (swings + takes) (% of the time an opposing batter swings)
* **Pull %** - Percentage of batted balls hit to the pull field (e.g. left field for a right handed batter)
* **Straight Away %** - Percentage of batted balls hit up the middle
* **Oppo %** - Percentage of batted balls hit to the opposite field (e.g. right field for a right handed batter)
* **First Strike %** - The percentage of plate appearances (for batters) or batters faced (for pitchers) that the first pitch was a strike
* **Ground Ball (GB) %** - The percentage of a pitcher’s balls in play that are ground balls, calculated as Ground Balls / Balls in Play
* **Fly Ball Rate (FB) %** - Fly-ball rate represents the percentage of balls hit into the field of play that are characterized as fly balls. Each ball that is hit into the field of play is characterized as a line drive, a fly ball, a ground ball or a pop-up. (A fly ball is a fly to the outfield, while a pop-up is hit to the infield.)
* **Line Drive (LD) %** - Line-drive rate represents the percentage of balls hit into the field of play that are characterized as line drives. Each ball that is hit into the field of play is characterized as a line drive, a fly ball, a ground ball or a pop-up.
* **Popup %** - Pop-up rate represents the percentage of balls hit into the field of play that are characterized as pop-ups. Each ball that is hit into the field of play is characterized as a line drive, a fly ball, a ground ball or a pop-up. (A fly ball is a fly to the outfield, while a pop-up is hit to the infield.)
* **Fastball %** - fastballs / total pitches
* **Breaking %** - breaking balls / total pitches https://www.baseball-reference.com/bullpen/Breaking\_ball#:~:text=A%20breaking%20ball%20(aka%20breaking,trick%20pitches%20like%20the%20knuckleball.
* **Offspeed %** - offspeed pitches / total pitches https://www.baseball-reference.com/bullpen/Off-speed\_pitch