



# NOAH MARCOUX: THE BEST HITTER IN THE USPBL

## THE USPBL

Independent professional baseball league in Utica, MI. Comprised of four teams that play each other at Jimmy Johns Field. Each pitch is recorded by a software called Trackman and is condensed into a CSV file with recordings such as: location of pitch in relation to the strike zone, exit velocity of the hit, distance the hit traveled, launch angle off the bat, as well as the play result. I used this CSV file to create another data frame for more traditional baseball stats such as Batting Average, Slugging, and Walk Rate.

## BASEBALL STATS

**Plate Appearance (PA)**– Every time a player comes up to the plate to hit.

**At Bat (AB)**– All plate appearances not resulting in the following: Walk, HBP, Sacrifice.

**Total Bases (TB)** – The amount of bases the batter reaches as a result of their at bat. (i.e. Single = 1, Double = 2, Triple = 3, HR = 4).

**Batting Average(BA)** – Hits / AB (0.000 – 1.000)

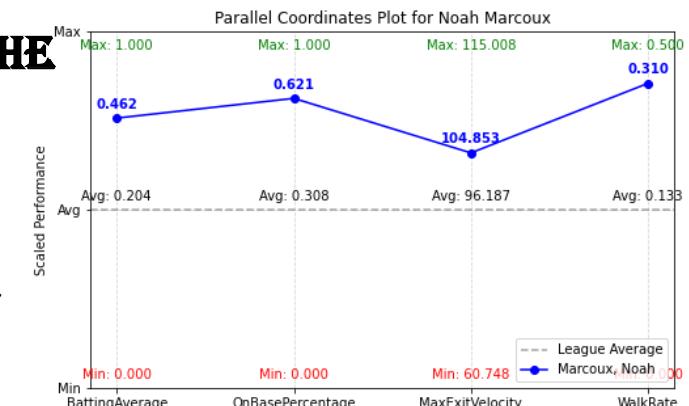
**Slugging Percentage(SLG)** – TB/AB (0.000 – 4.000)

**On Base Percentage(OBP)** – Reach Base / PA (0.000 – 1.000)

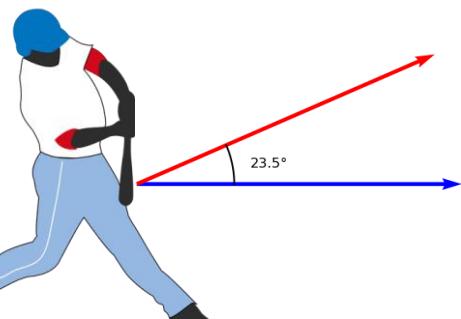
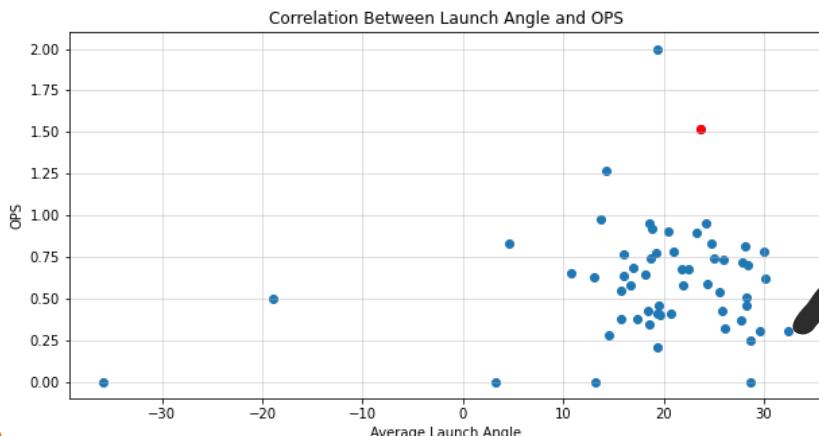
**OPS** – Sum of SLG and OBP

## MARCOUX COMPARED TO THE LEAGUE

The Avg line represents the league average in each respective category. The blue line represents Noah Marcoux.



## HITTING FOR POWER: THE IMPORTANCE OF LAUNCH ANGLE



## HITTER TENDENCIES

