

Query #1: The top 10 shortstops at least 6 foot 3 inches tall by Weighted On-Base Average who amassed at least 186 Plate Appearances in the 2020 season.

```
Create view as top_tall_shortstop_sluggers as

Select playerID, AB, (select (.699*(BB-IBB)+ .728*HBP + .883*(H - 2B -
3B - HR) + 1.238*2B + 1.558*3B + 1.979*HR) / (AB + BB - IBB + SF + SH
+ HBP) FROM Batting) as wOBA

FROM Batting
Where DATEPART (year, yearID) = 2020

AND
playerID in (select playerID from Master where height >= 75)

AND
playerID in (select playerID from Fielding where POS = SS)

Select top 10 AVG (wOBA) as AvgwOBA, player ID, AB FROM top_sluggers

Where (AB + BB + IBB + SF + SH + HBP) >= 186 Group by player ID Order
by wOBA desc
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Query #2: The Home Runs Hit and Home Runs Allowed by the Arizona Diamondbacks from 2017 to 2020 at home, by year ordered by Home Runs Allowed ascending.

```
Select b.HR, b.teamID, b.yearID, p.HR, p.teamID, p.yearID FROM Batting
as b

Inner join Pitching as p on b.HR = p.HR
Inner join Pitching as p on b.teamID = p.teamID Inner join Pitching as
p on b.yearID = p.yearID

Where b. teamID = ARI and DATEPART (year, b.yearID) >= 2017 and
DATEPART (year, b. yearID) <= 2020 and PARKS = PHO01

OR
p. teamID = ARI and DATEPART (year, p.yearID) >= 2017 and

DATEPART (year, p.yearID) <= 2020 and PARKS = PHO01 Order by p.HR asc
```