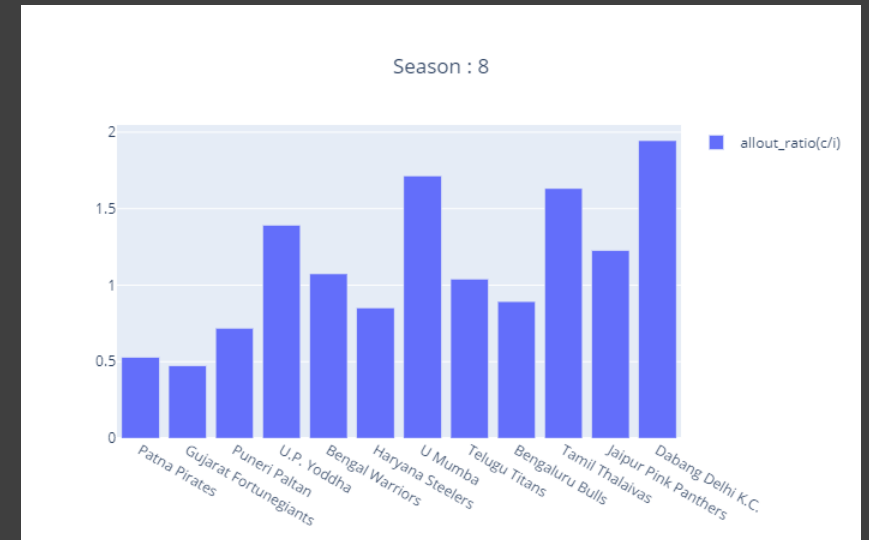
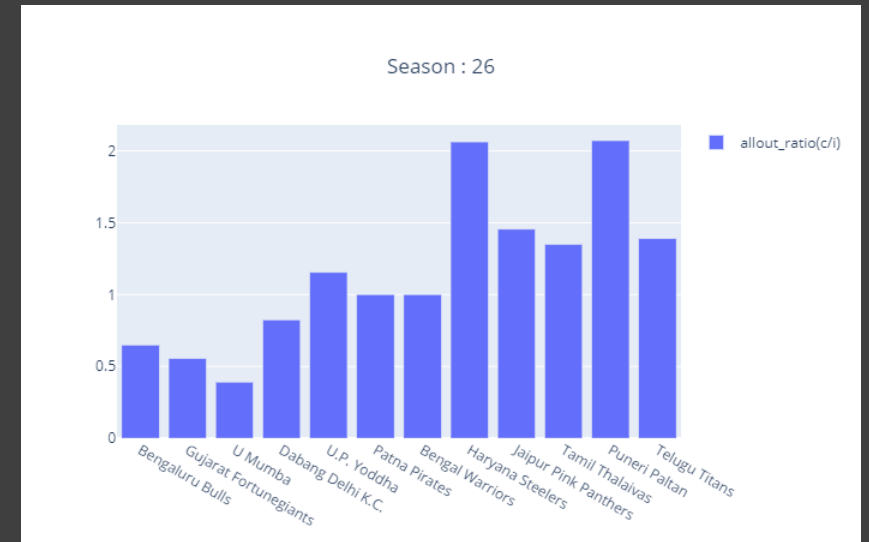


# Pro Kabaddi Team Analysis

# Observation and Assumptions in Data

# Feature : All Out Ratio

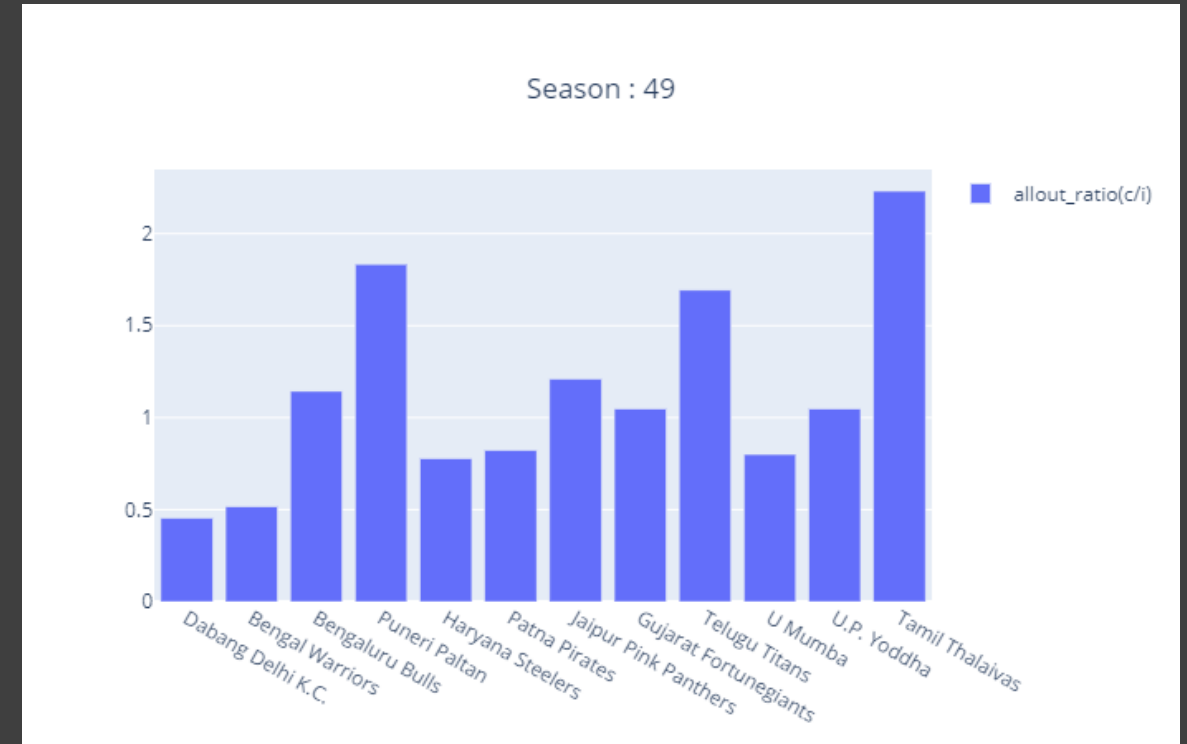
- ❑ Ratio of all-out conceded to inflicted (c/i).
- ❑ c/i will show typical minimal value for better performing teams.
- ❑ Season 5 and Season 6 statistics show that top 3 teams in the order of rank has significantly low c/i.



❑ Season 7 data show only 2 teams as competitors for the trophy using c/i analysis.

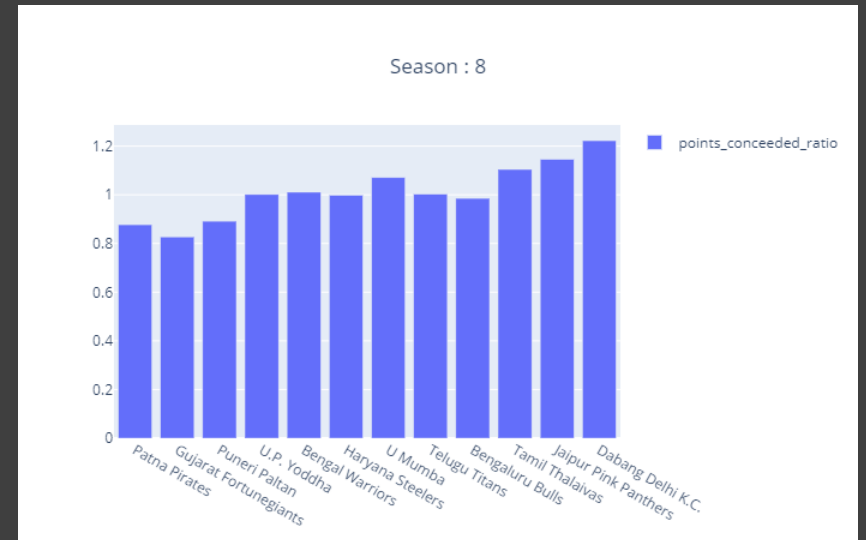
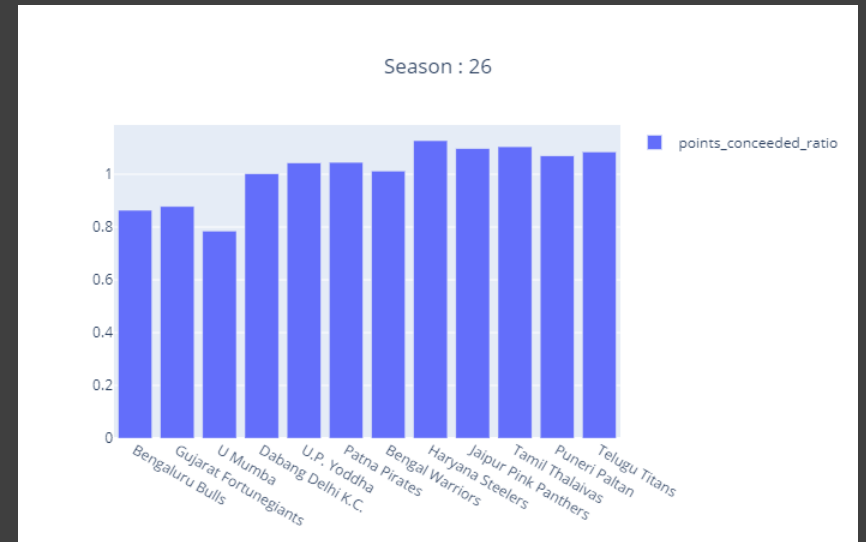
❑ And those 2 teams are

- Dabang Delhi K C
- Bengal Warriors



# Feature: Points Conceded Ratio

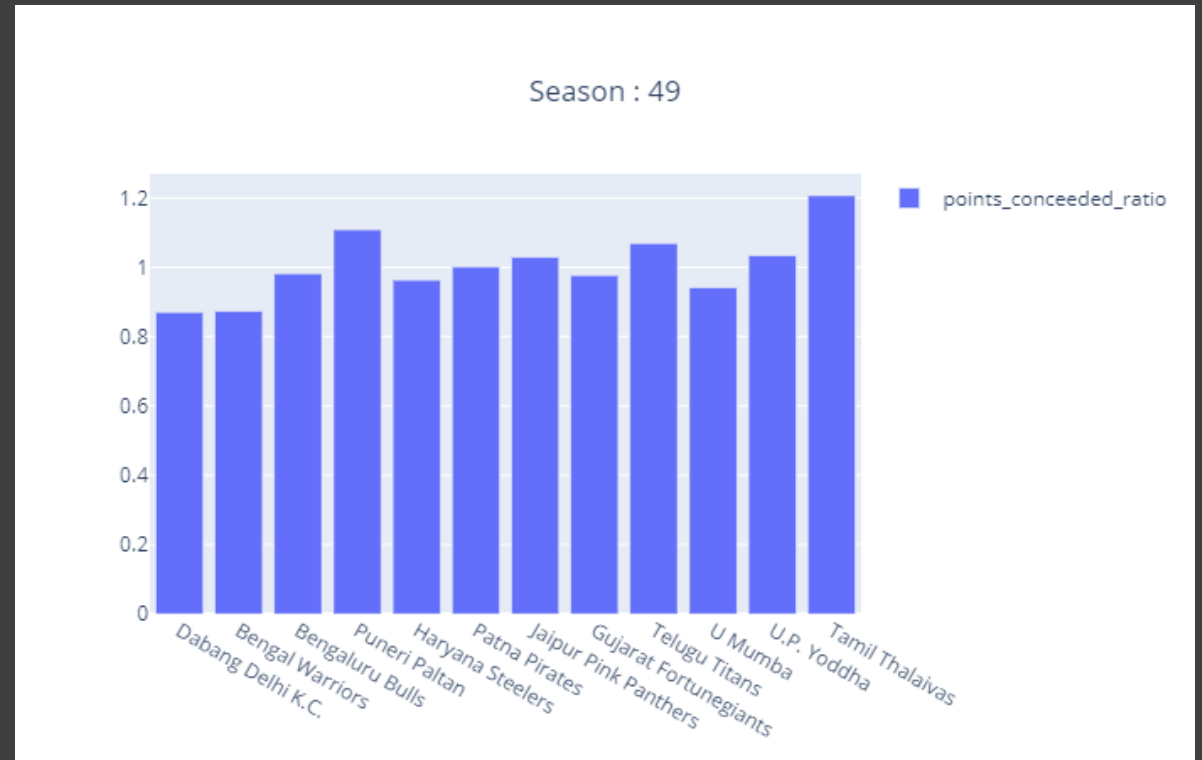
- ❑ Ratio of total points conceded to total points.
- ❑ Above ratio will show minimal value for better performing teams.
- ❑ Season 5 and Season 6 statistics show that top 3 teams in the order of rank has significantly low conceding ratio.



❑ Season 7 data supports the claim of only 2 teams as competitors for the trophy and table topper after league matches.

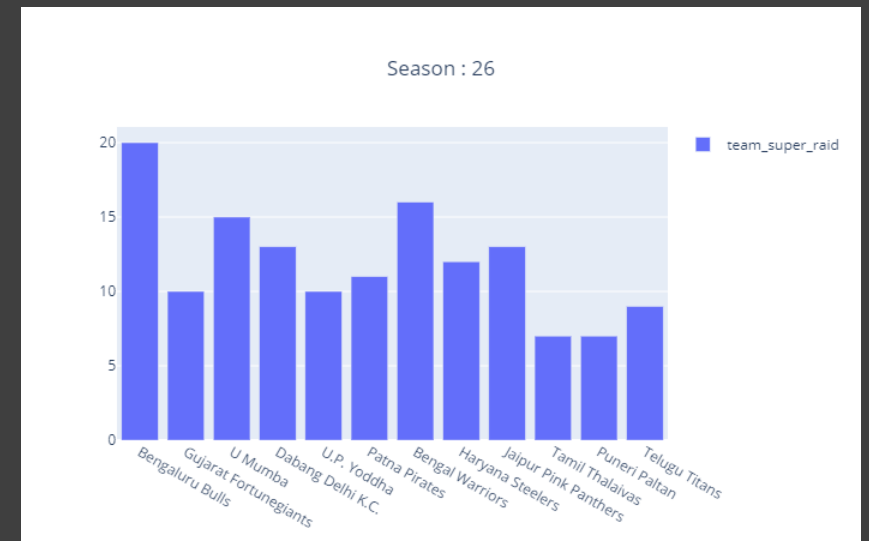
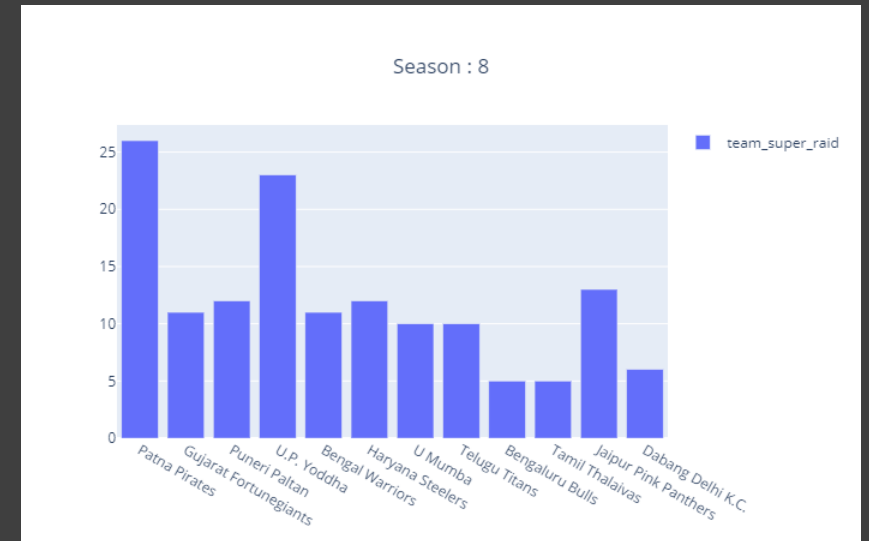
❑ And those 2 teams are

- Dabang Delhi K C
- Bengal Warriors

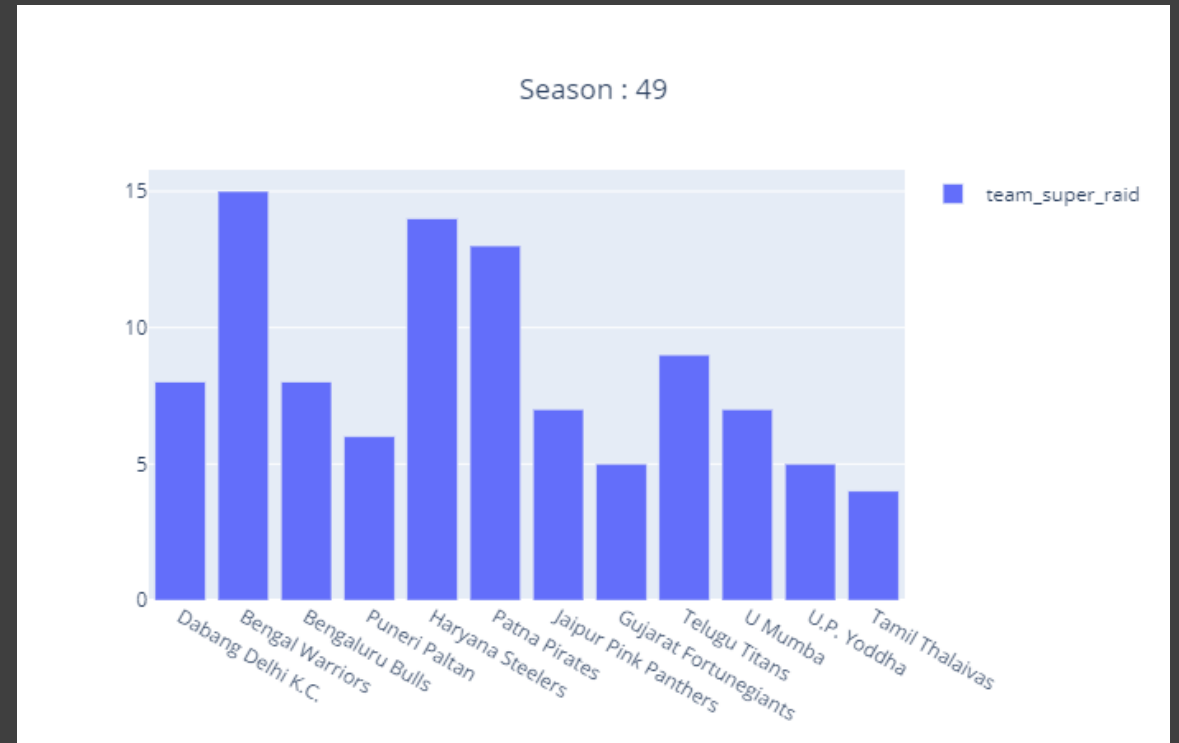


# Feature: Team Super Raid

- ❑ Super raids is considered in conjunction with c/I ratio and point conceded ratio for predicting the winner and table topper at the league stage.
- ❑ The winner has a low c/I, low point conceding ratio and high super raid for both Season 5 and Season 6.



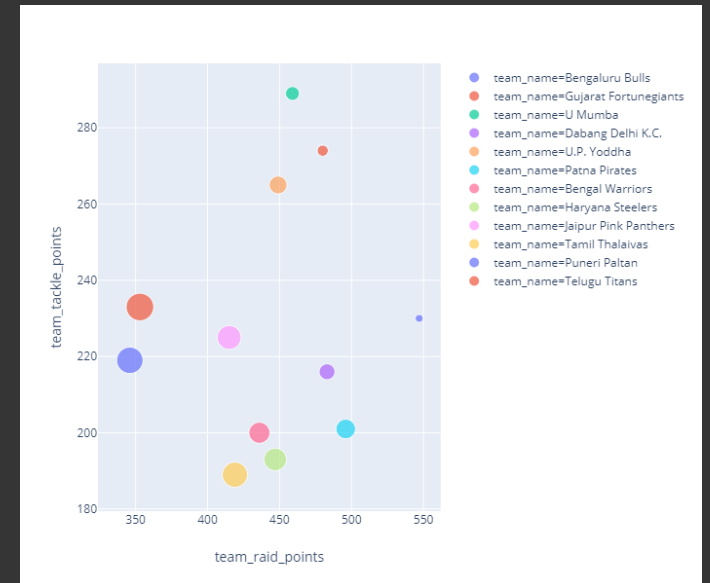
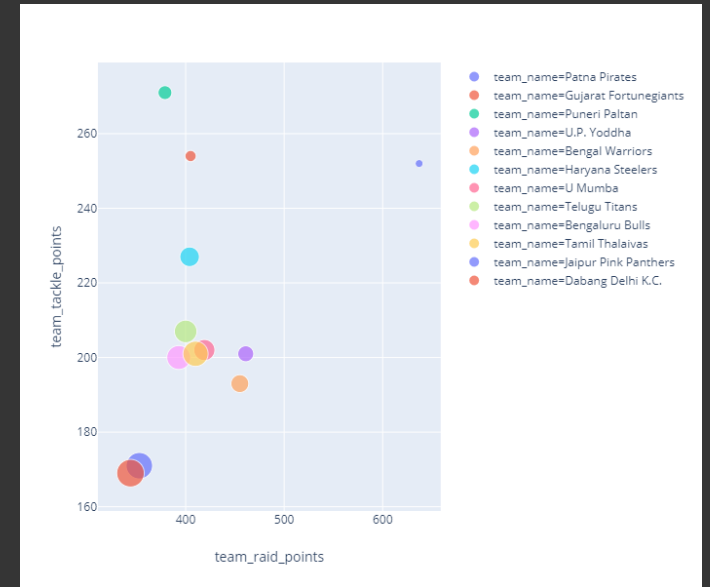
❑ Season 7 data shows only **Bengal Warriors** has a significant chance of winning the trophy due to there successful performance in super raid.





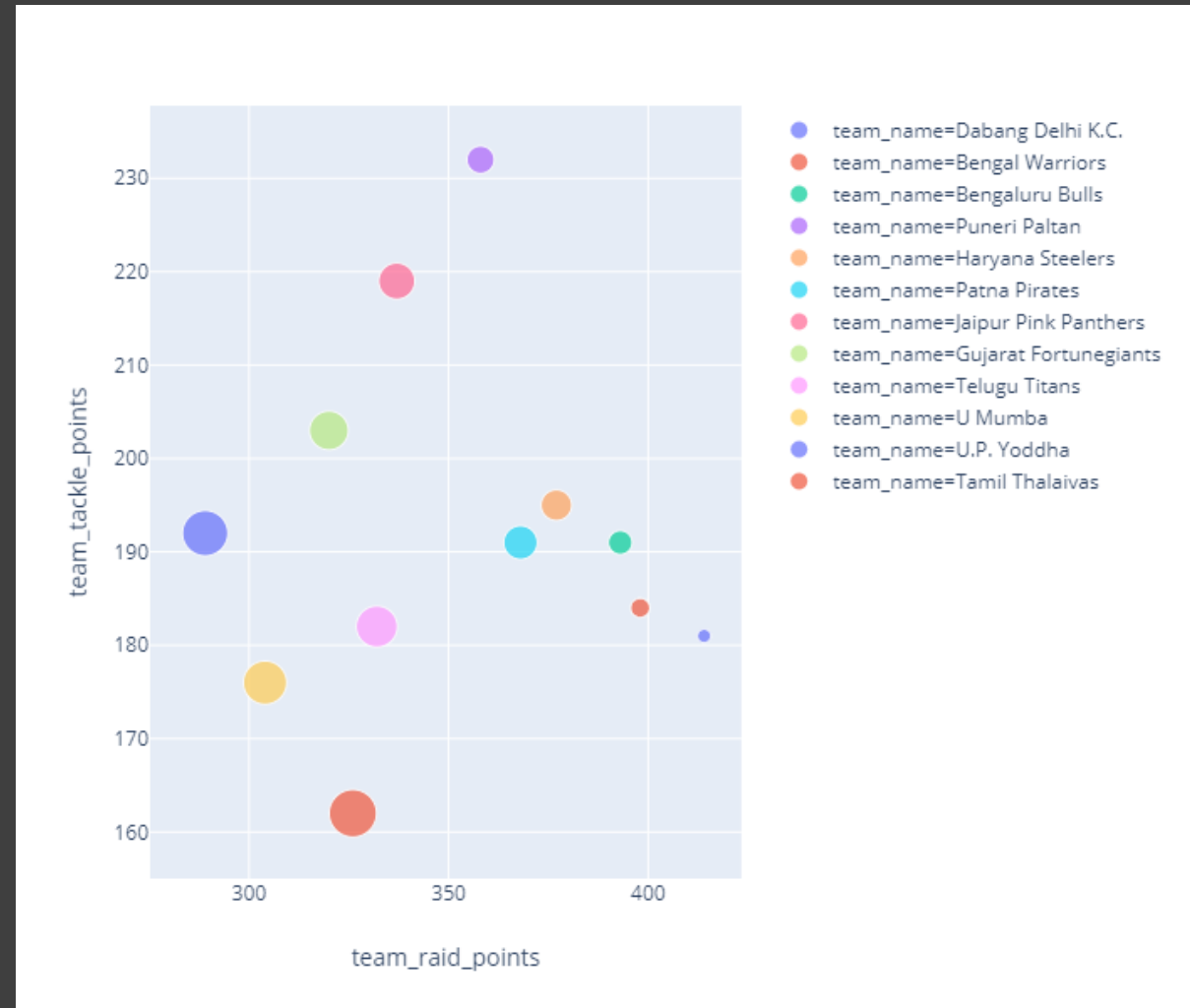
# Attack V/S Offence Strategy

- ❑ Using the thumb rule for Kabaddi attack is better than defense.
- ❑ Season 5 (top) and Season 6 (bottom) graphs show that top teams show significantly high attacking prowess in support with defense.
- ❑ So winning teams mostly lie in the top right quadrant.



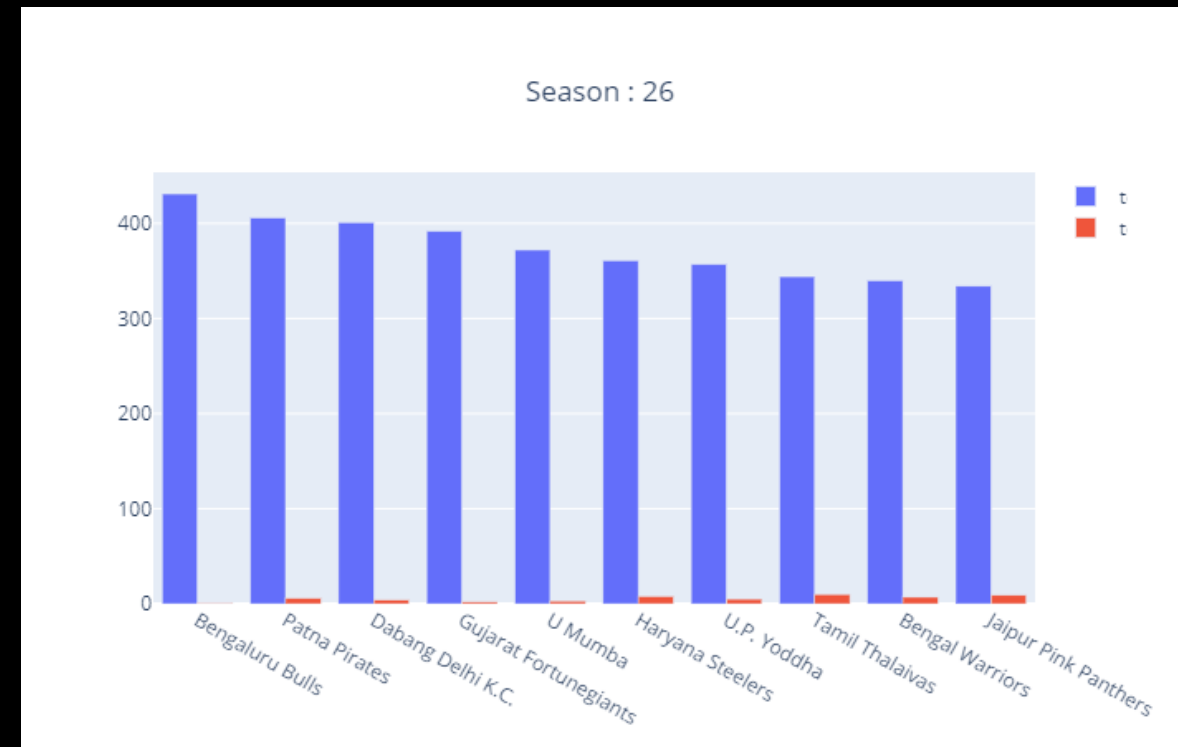
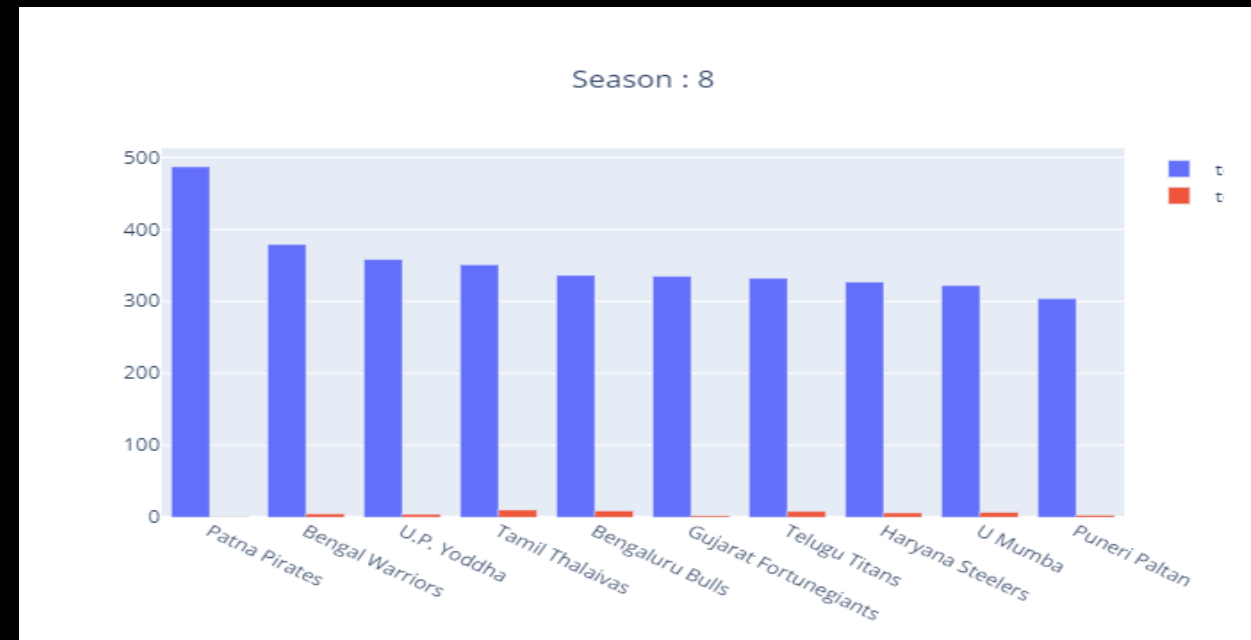
❑ Season 7 data shows **Dabang Delhi** attack superior than **Bengal Warriors**.

❑ However during initial league matches **Dabang Delhi** has received significant contribution from all players.



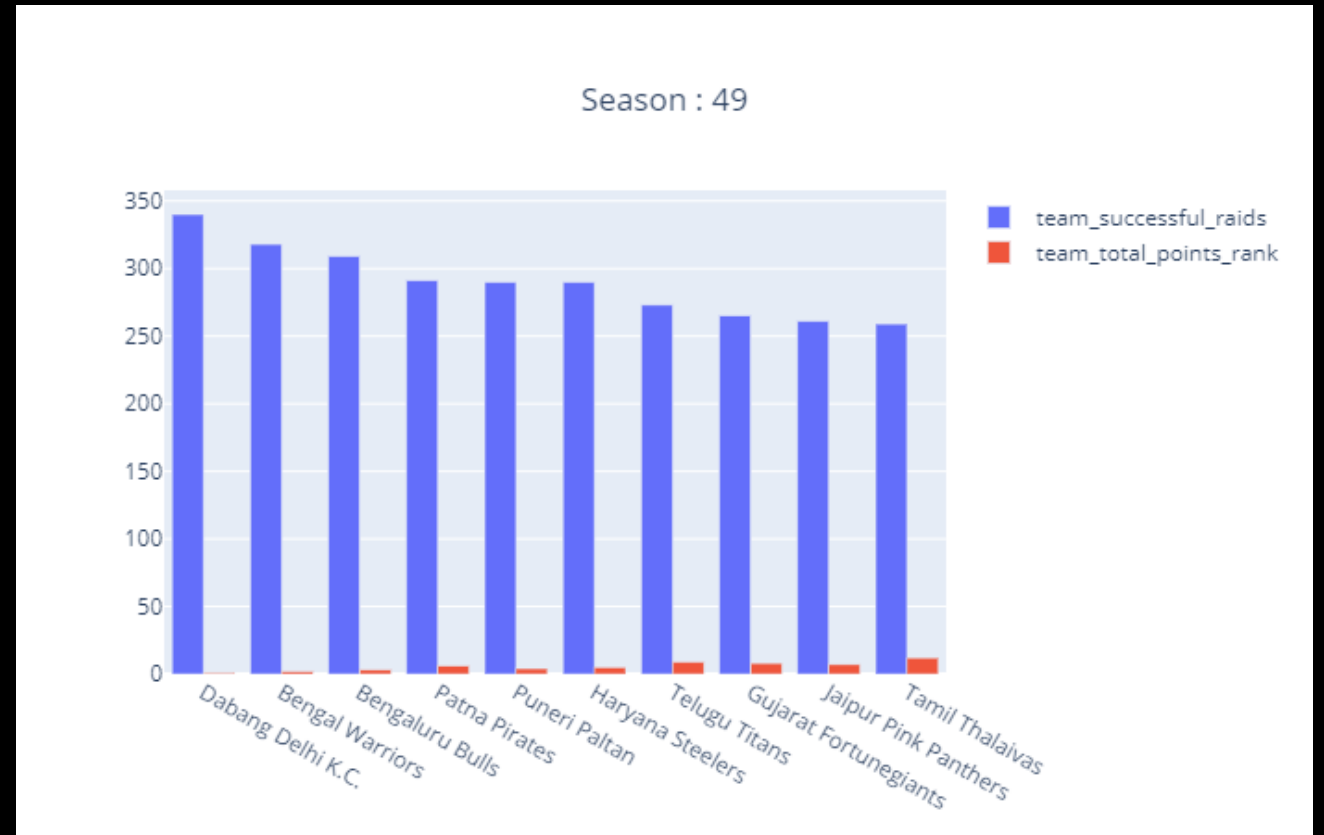
# Success Raid Points

- Success Raid points along with ranks shows that teams who are first have highest success raid points.
- We can see the that in season 5 and 6 have very different table toppers .



# Current Season Stats for Success Raid points

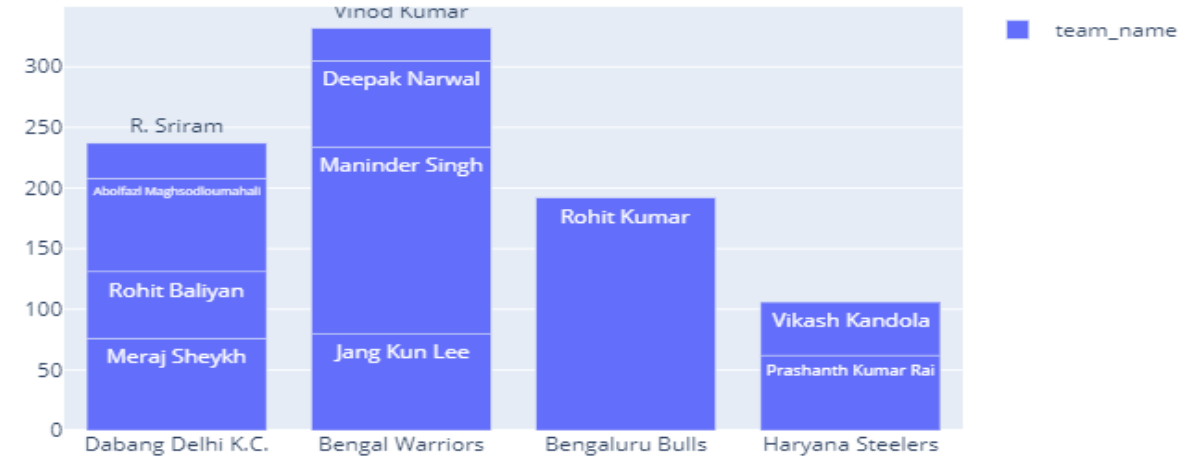
- Current season stats shows that **Dabang Delhi , Bengal and Bengaluru Bulls** are table toppers .
- **Dabang Delhi** is leading by close to 20 points as on data extracted on 1 Oct .



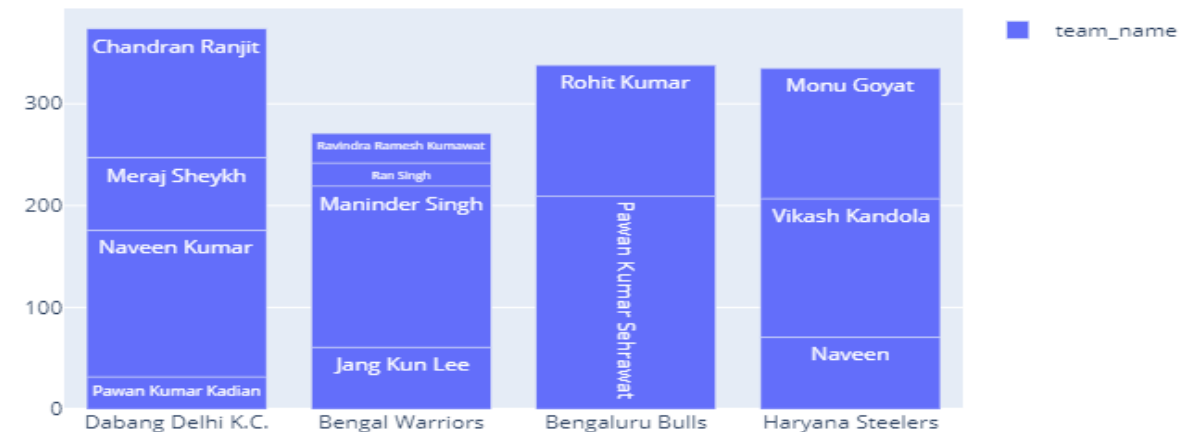
# Digging the player information for top teams

As we can from these plots that last season Dabang Delhi has more non-skewed distribution of efforts of players contribution to the team success tackle points

Season : 8



Season : 26



# Current Season Stats for Success Raids

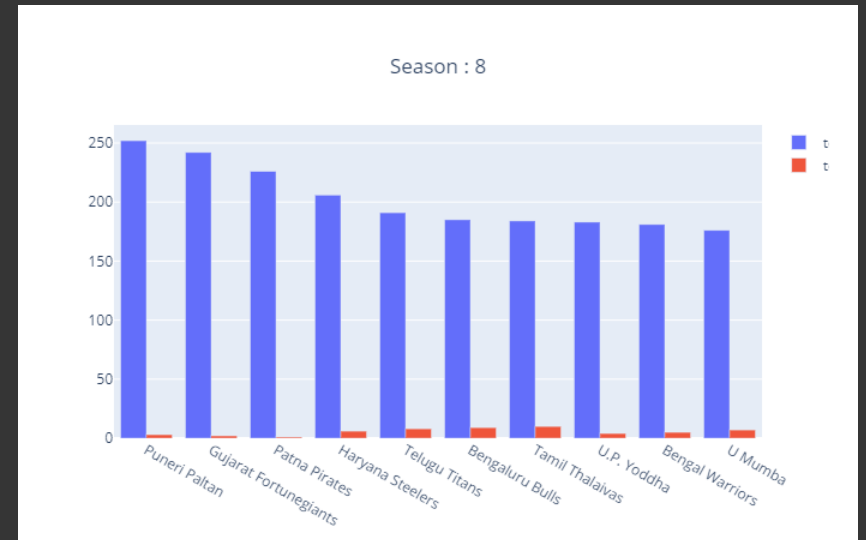
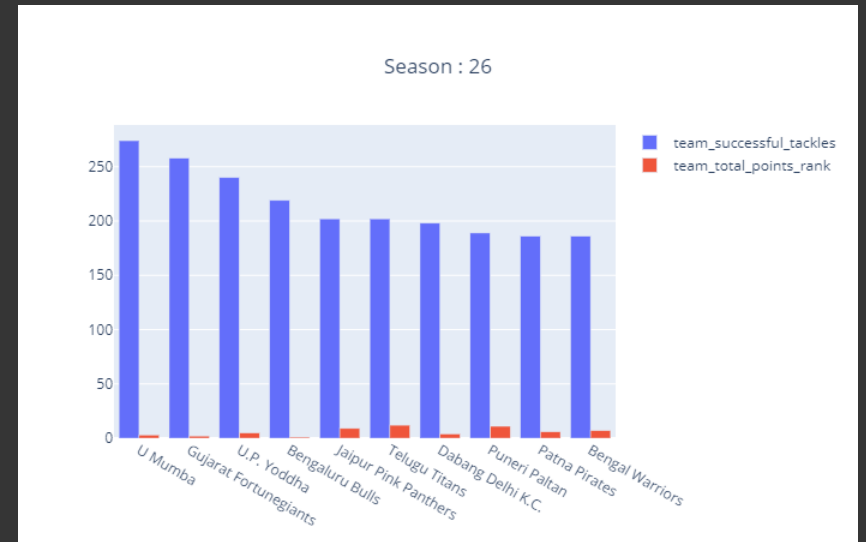
Current seasons shows that Dabang Delhi is leading with success raid points with the leading success raid points player also being in the team (Naveen Kumar)

We can see that Dabang Delhi has good chances to top the table with highest success raid percent .



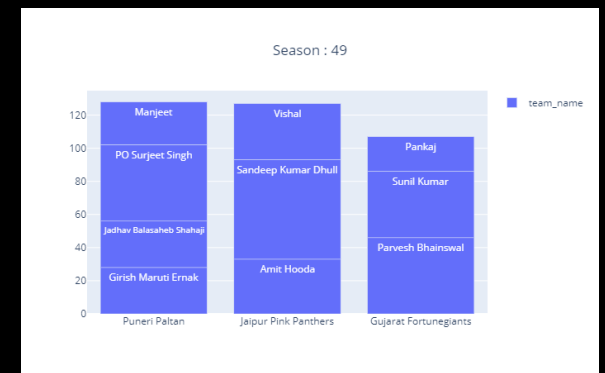
# Predicting Team with Highest Successful Tackle %

- We can see from the plots that , the table toppers have highest successful tackle percentage.
- Gujarat have been consistently performing good in this category.



# Season Wise Analysis for Player Contribution

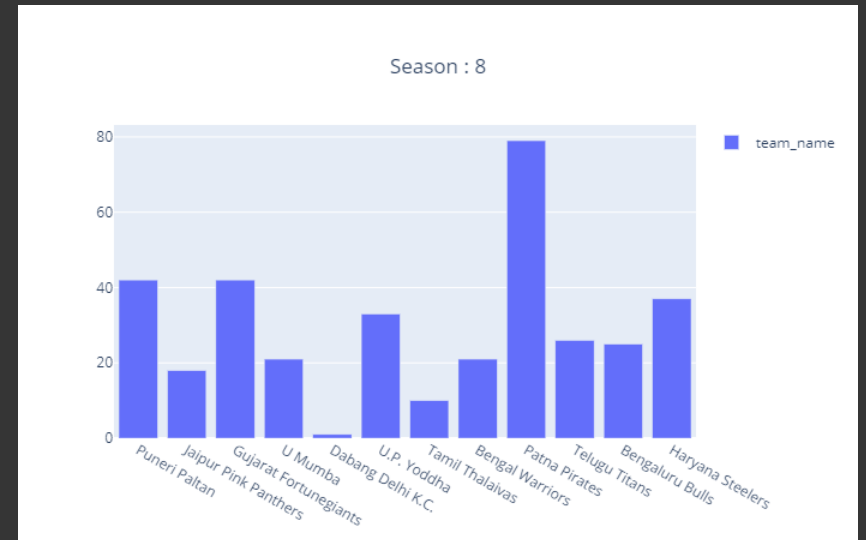
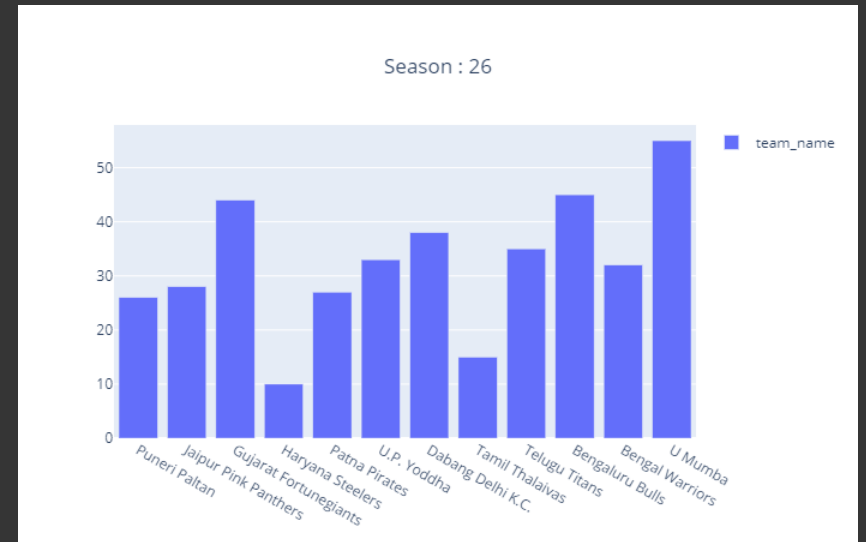
- We can clearly see that Puneri Paltan has much more uniformed contribution over the last two season and also for current season





# Predicting Team with Highest SPT

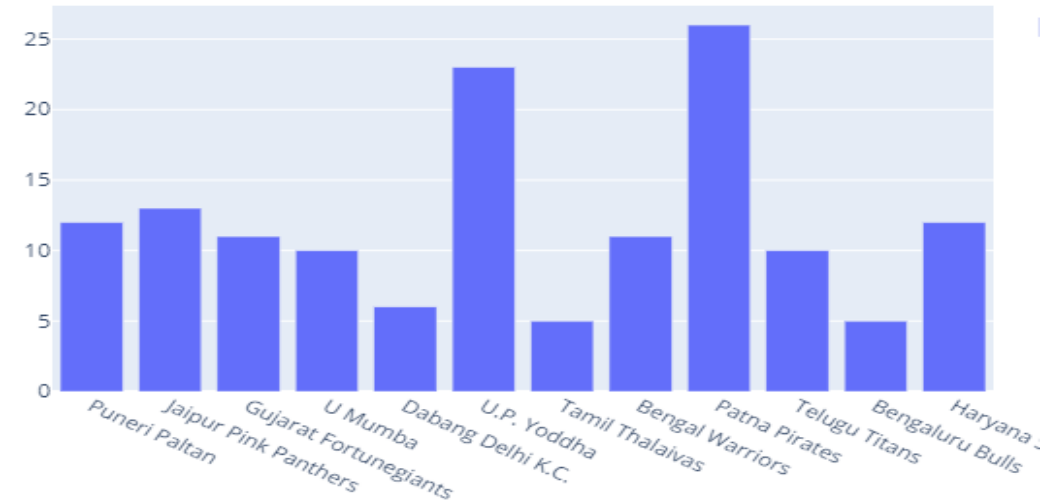
- Season 5 was very skewed towards Patna Pirates
- Season 6 has U Mumba the toppers with Bengaluru Bulls and Gujarat following up.
- To have highest SPT you need to score well in super raids , super tackles and all outs inflicted category
- The more team is conceded with all outs , the more SPT decreases for them



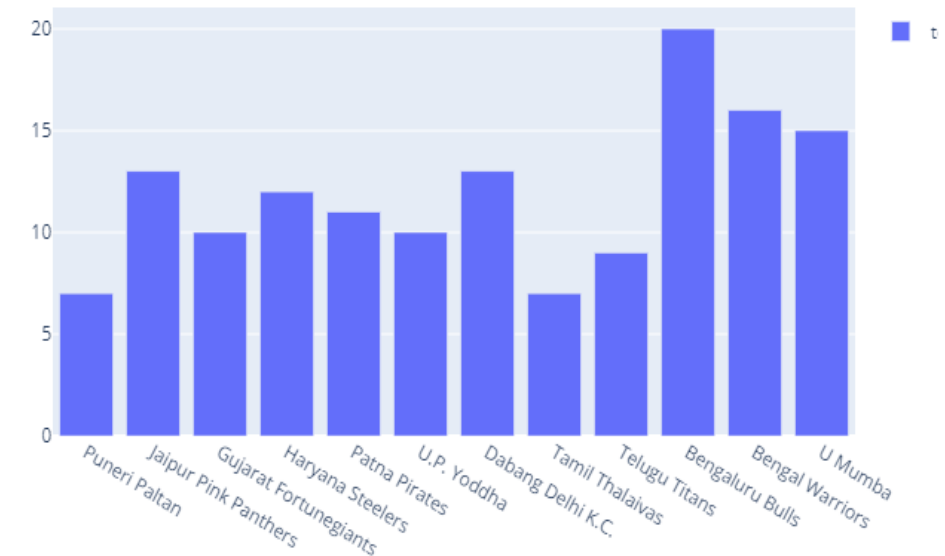
# SPT – Super Raid history

- Patna Pirates were the clear winners in this category in Season 5 with a little competition from UP Yoddha.
- Bengaluru Bulls had the highest super raids in last season

Season : 8

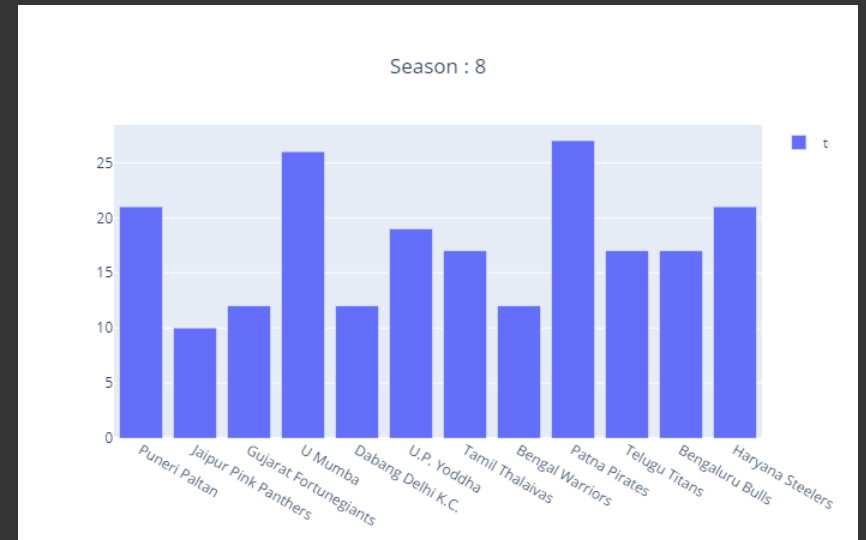
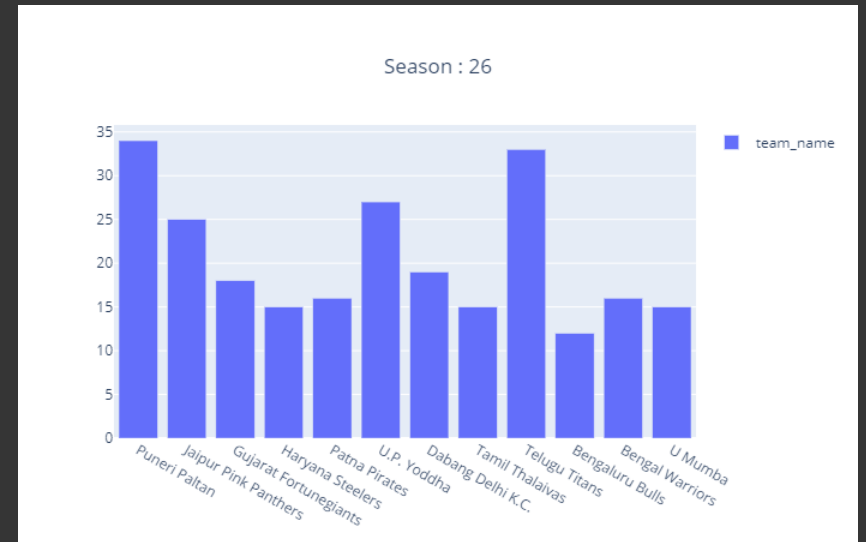


Season : 20



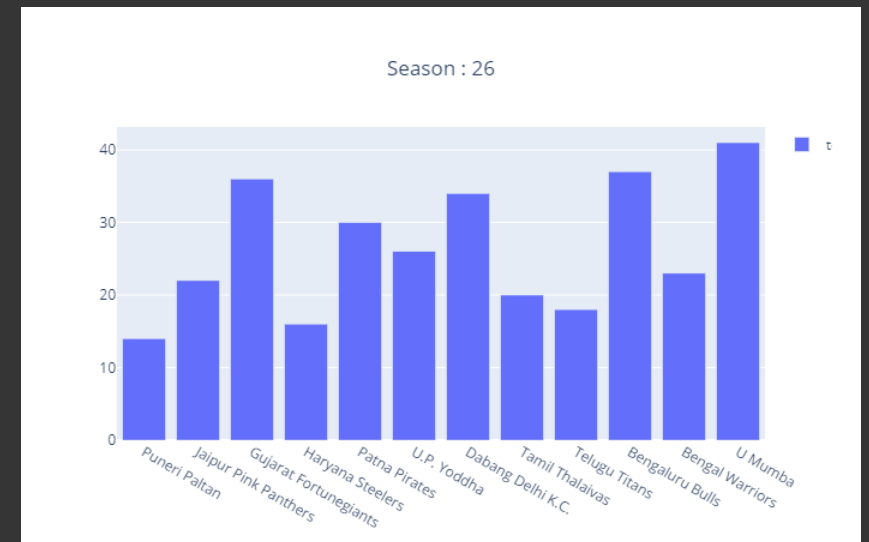
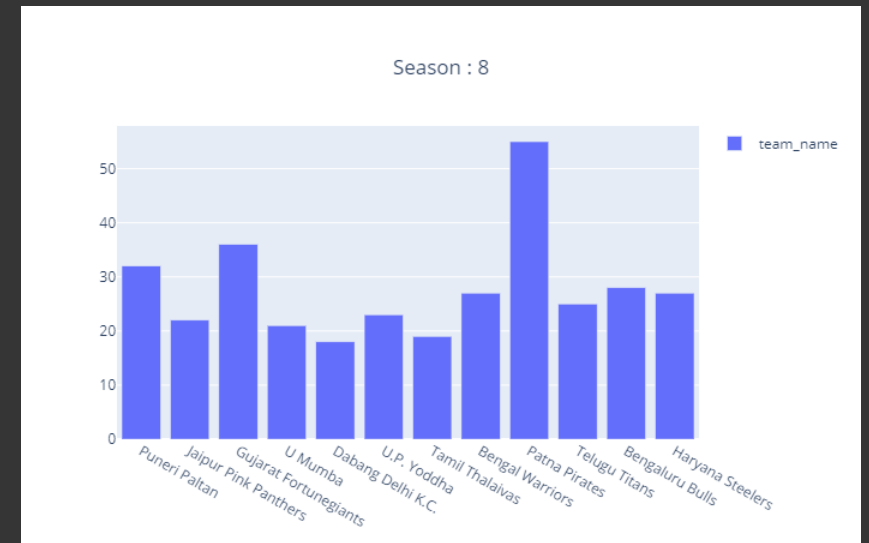
# SPT – Super Tackle Analysis

- Patna Pirates have good super tackle points but they don't lead table in SPT for season 5.
- Puneri Paltan have good score in season 6 but had very low spt



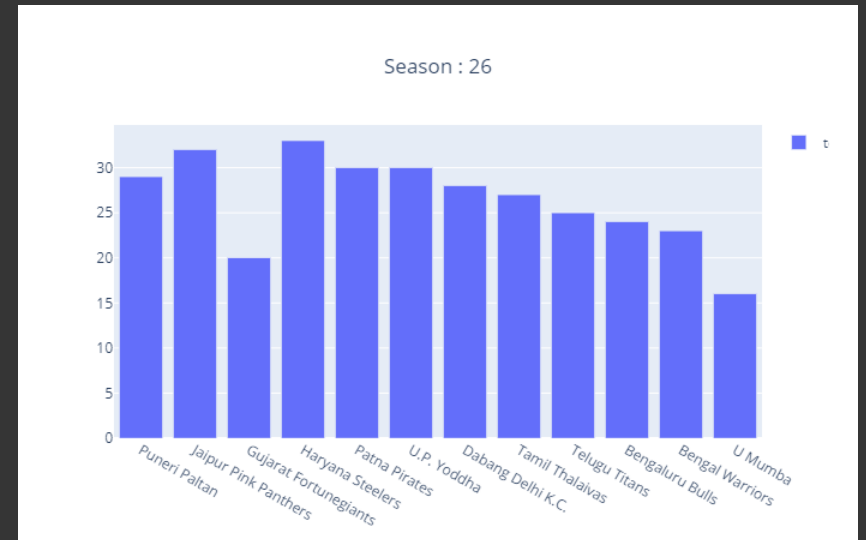
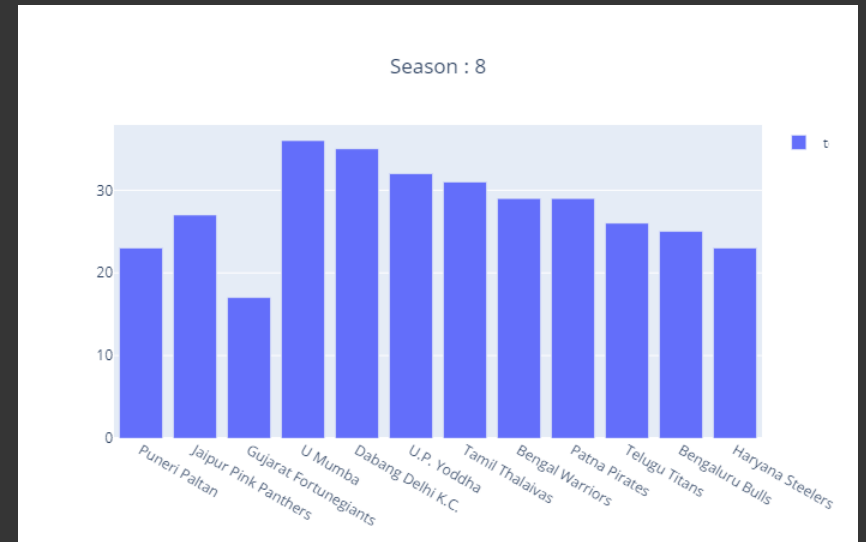
# SPT : All Out inflicted Analysis

- In season 5 , Patna Pirates had the highest all out infliction and they were the season toppers too.
- In season 6 , U Mumba are the clear winners in this category



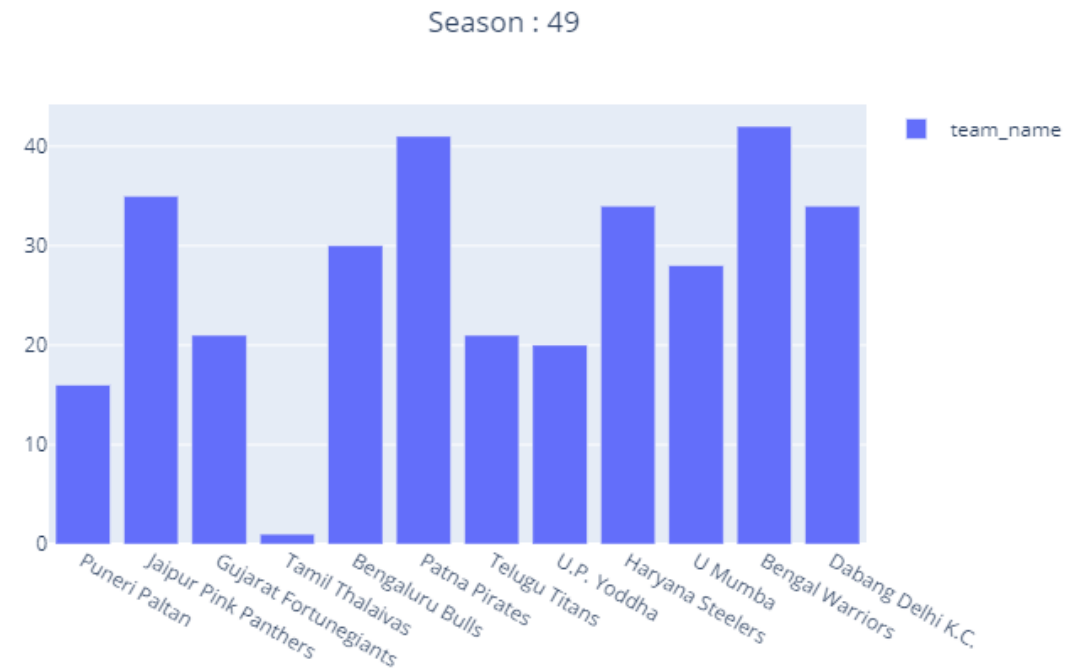
# SPT : All out conceding

- In season 5 ,Gujarat were the table toppers in this category , but the SPT was not high because they had other low points.
- In season 6 , U Mumba were the clear winners in this category and SPT was also high

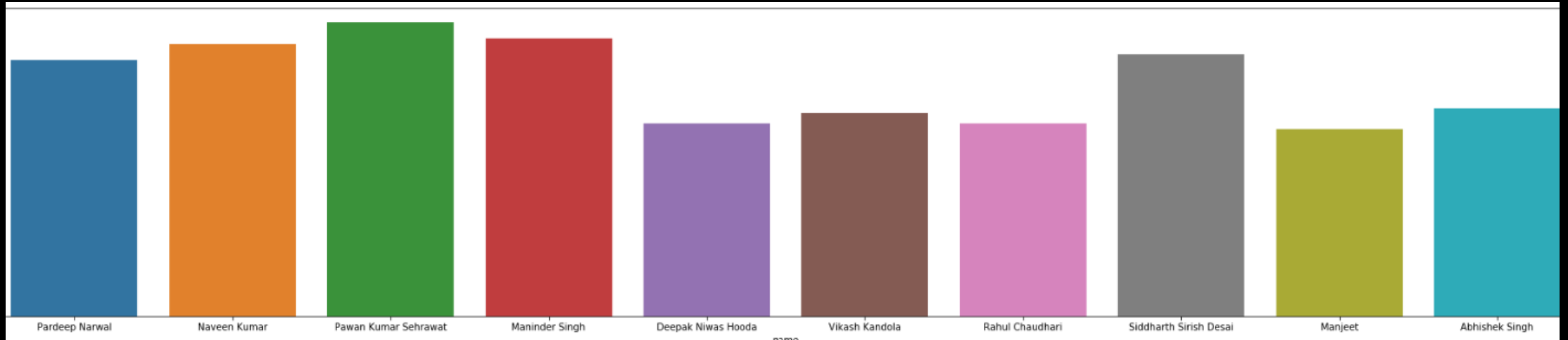


# SPT : Predictions

- Bengal Warriors should have the highest SPT as they have score in every category apart from super tackles.

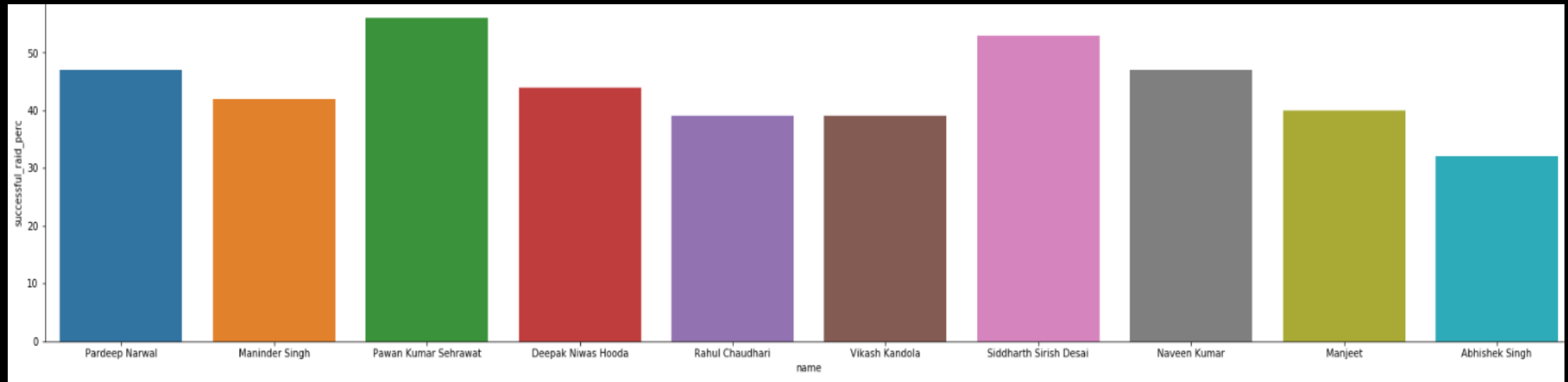


Top 10 players with successful raid% in current season (till latest data was available)



Observation: As we can see Pawan Kumar is leading in the current season

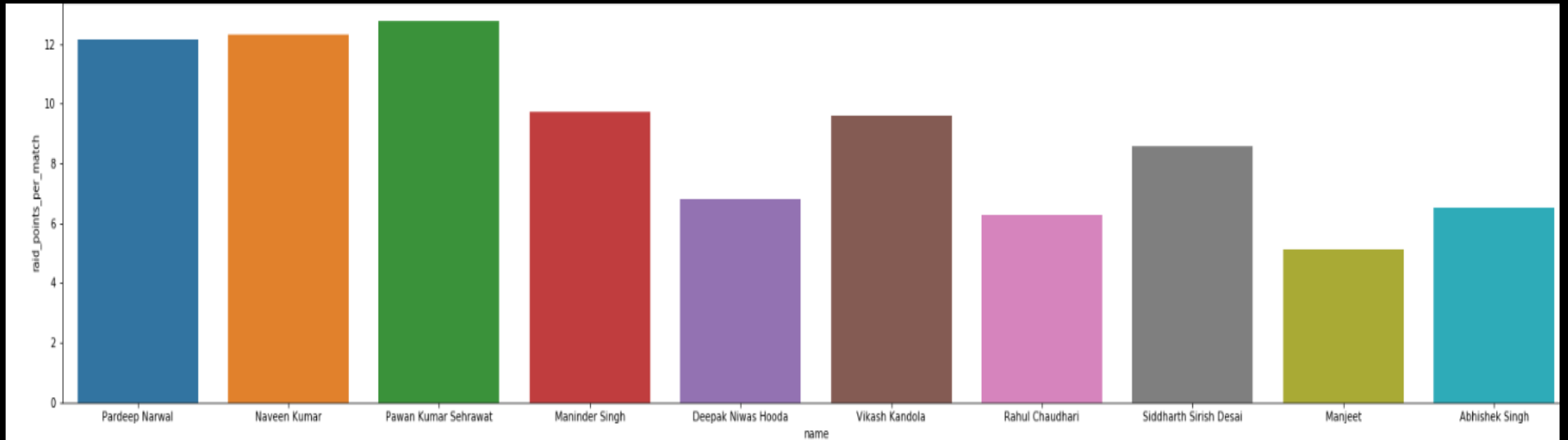
Top 10 players with successful raid% in last season (till latest data was available)



Observation: As we can see Pawan Kumar is leading in the last season

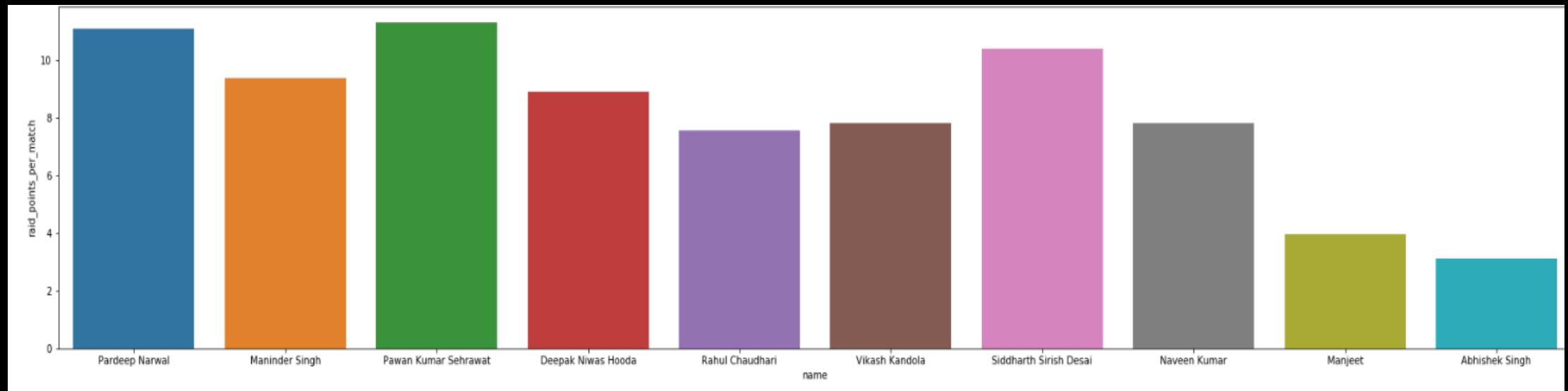


Top 10 players with raid points per match in current season (till latest data was available)



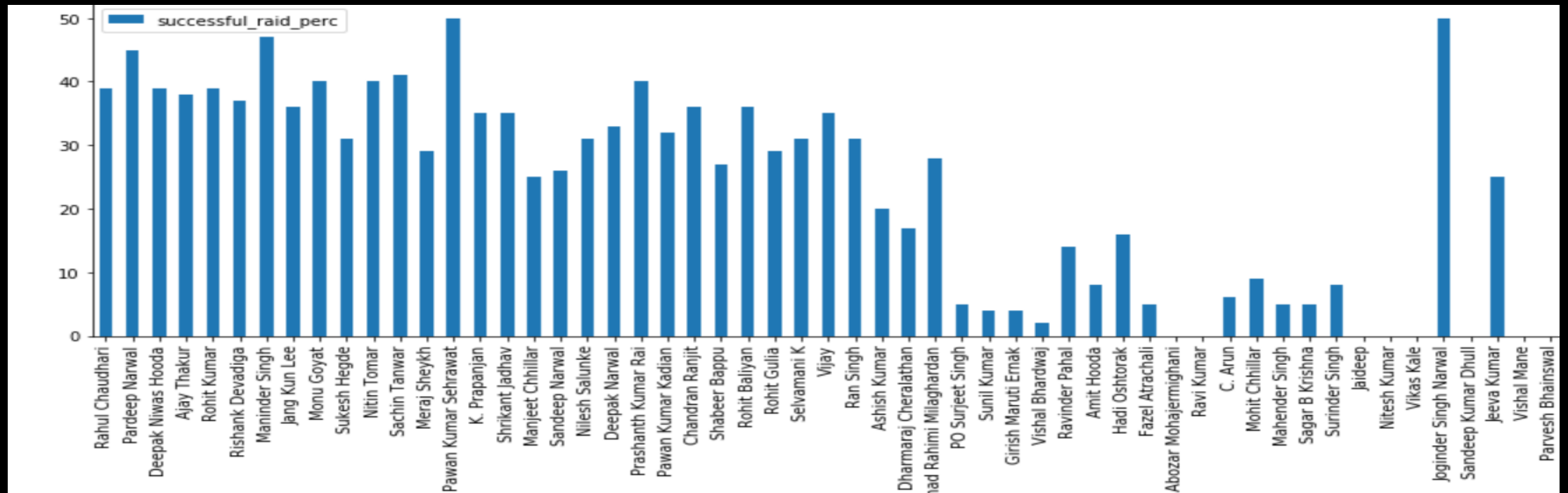
Observation: As we can see Pawan Kumar is leading in the current season in terms of raid points per match

Top 10 players with raid points per match in last season (till latest data was available)



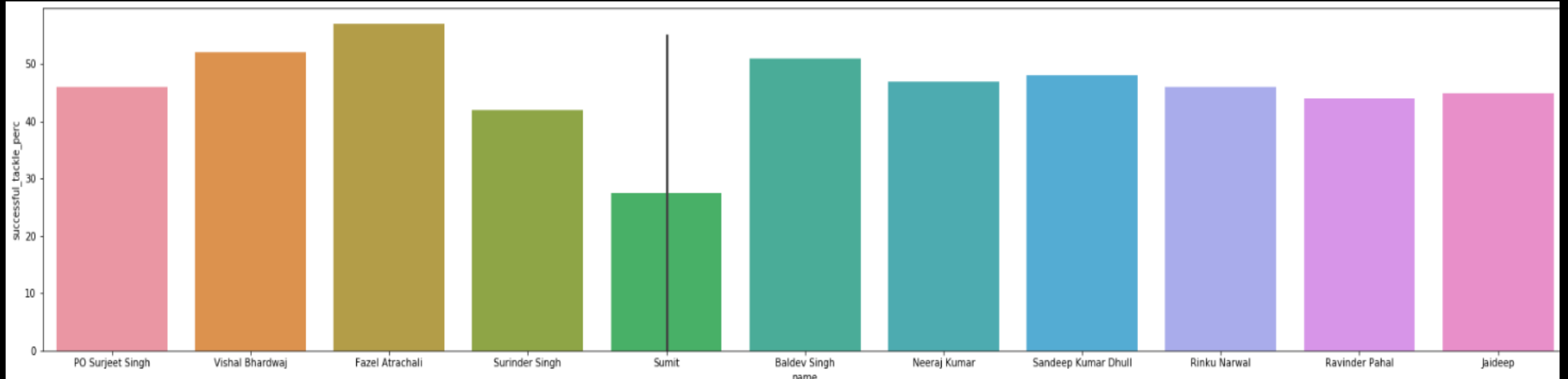
Observation: As we can see Pawan Kumar is leading in the last season in terms of raid points per match

Talking about consistency, the following graph tells successful raid % summing all seasons



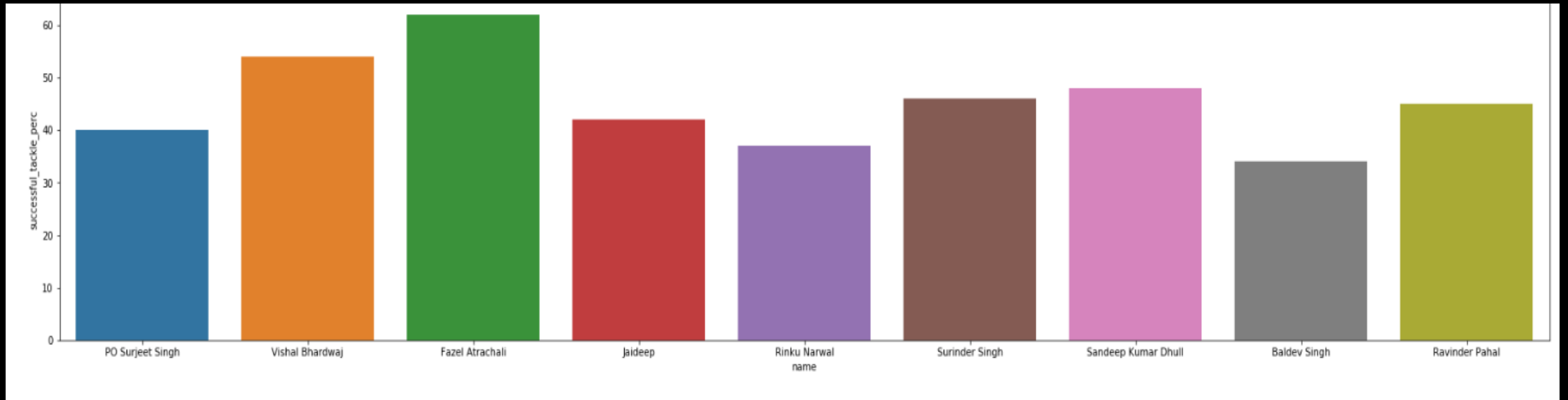
Observation: As we can see Pawan Kumar is leading in successful raid percentage when considering data of all seasons

# Player Analysis (Successful Tackle % of top 10 players in current season)



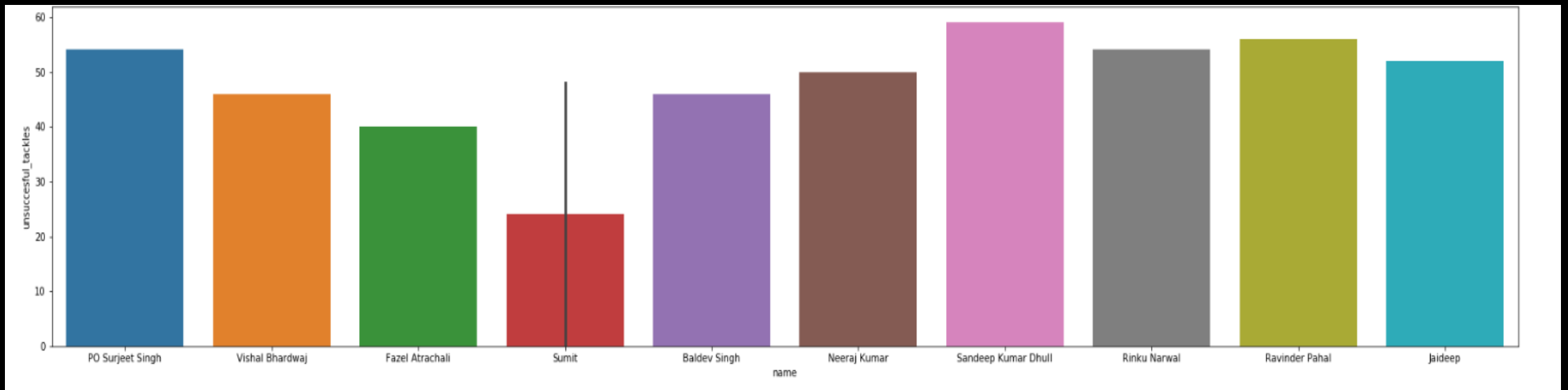
Observation: As we can see Fazel is leading in the current season in terms of successful tackle percentage

## Top 10 players with successful tackle % in last season



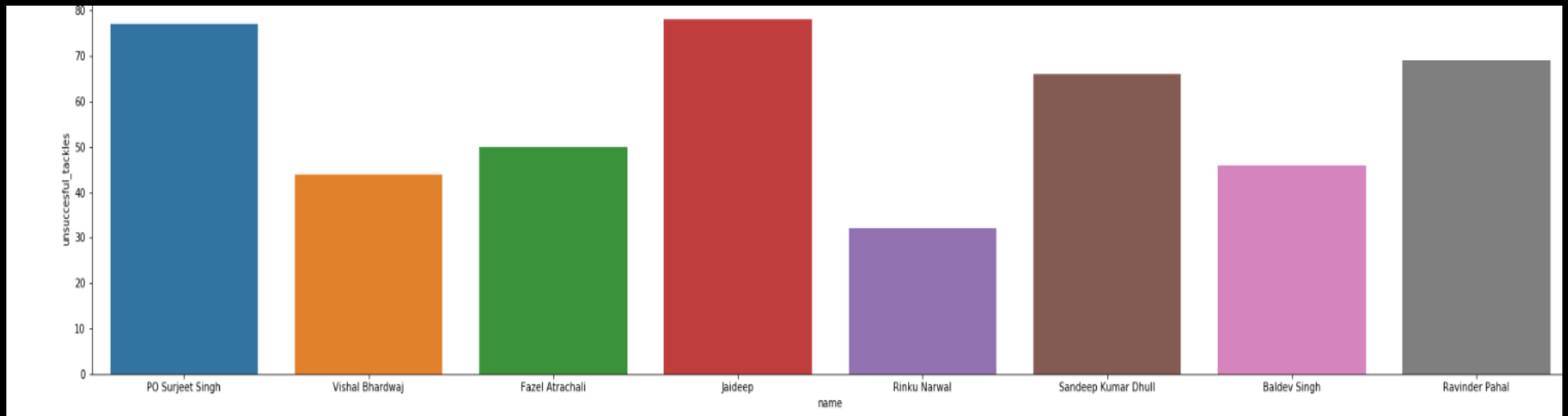
Observation: As we can see Fazel is leading in the last season in terms of successful tackle percentage

## Top 10 players with unsuccessful tackles in current season



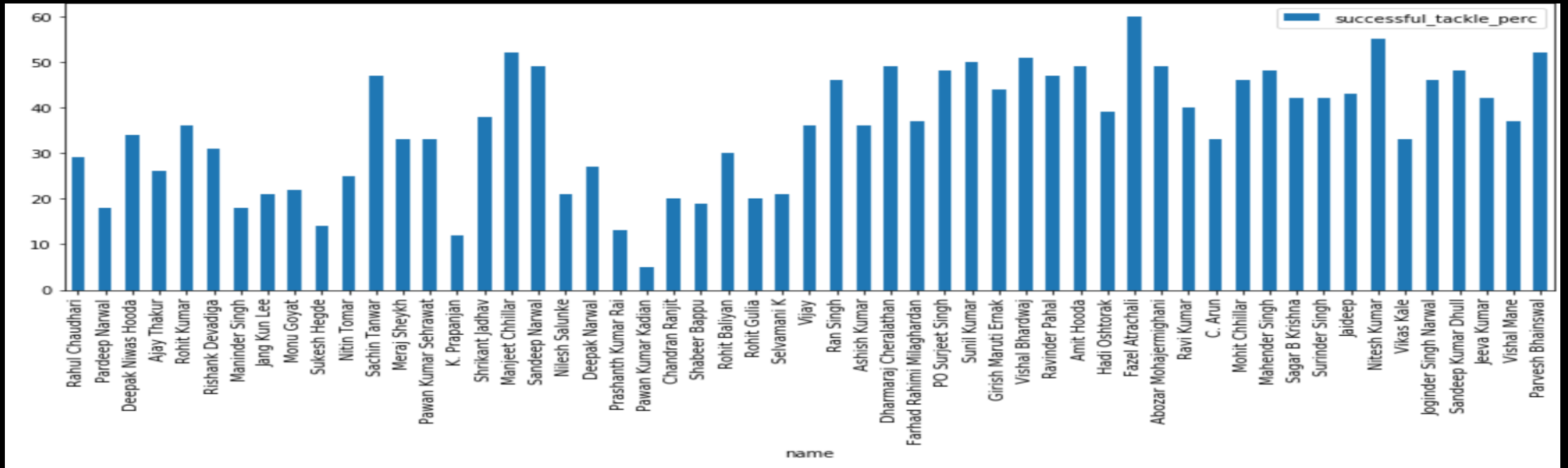
Observation: As we can see Fazel is having less unsuccessful tackles in current season. Though Sumit is having less tackles, but we saw in terms of tackle percentage Faizal was ahead.

## Top 10 players with unsuccessful tackles in last season



Observation: As we can see Fazel is having less unsuccessful tackles in last season. Though other players are having less tackles, but we saw in terms of tackle percentage Faizal was ahead.

Talking about consistency, the following graph tells successful tackle % summing all seasons



Observation: As we can see FAZEL ATRACHALI is leading in successful tackle percentage when considering data of all seasons



# So Our Predictions are...

Pro Kabaddi Trophy Winner : **BENGAL WARRIORS**

Pro Kabaddi League Table Topper : **DABANG DELHI**

Pro Kabaddi Team Highest Successful Raid % : **DABANG DELHI**

Pro Kabaddi Team Highest Tackle Raid % : **PUNERI PALTAN**

Pro Kabaddi Team Highest SPT : **BENGAL WARRIORS**

Player with highest Successful Raid % – **PAWAN KUMAR SEHRAWAT**

Player with highest Successful Tackle % – **FAZEL ATRACHALI**