

# Kabaddi Hackathon - Submission

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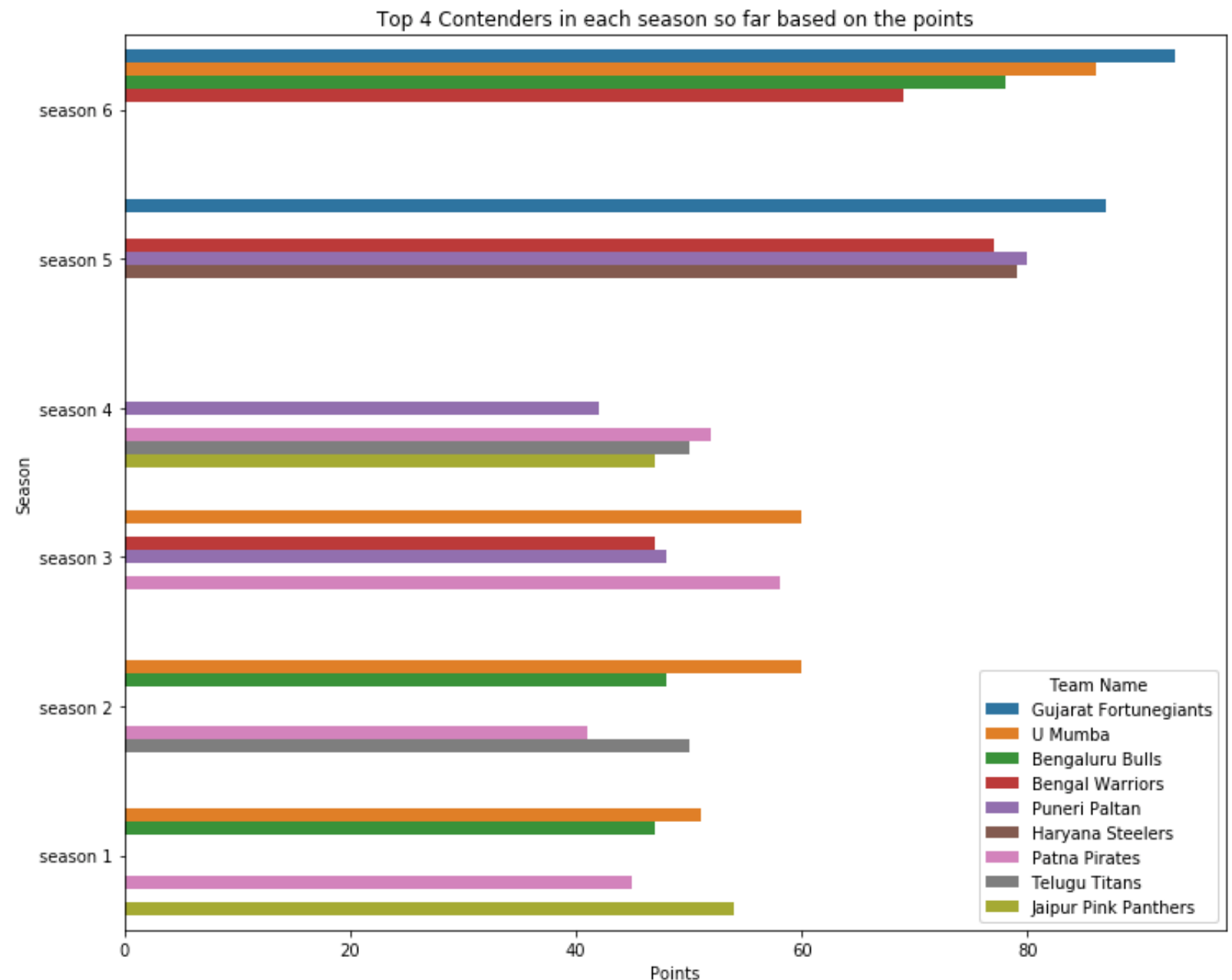
**Dated: 30th Sep 2019**

# Overall Predictions

Task	Prediction
Predict the winner of the tournament	Bengal Warriors
Predict the the top team in the points table after the completion of league matches	Bengal Warriors
Predict the team with the highest points for successful raids	Dabang Delhi K,C
Predict the team with the highest points for successful tackles	U Mumba
Predict the team with the highest super-performance total	Bengal Warriors
Predict the player with the highest SUCCESSFUL RAID percentage	Rakesh-Narwal
Predict the player with the highest SUCCESSFUL TACKLE percentage	VISHAL BHARADWAJ

# Task 1: Predict the winner of the tournament.

**To predict the winner in Season-7, considering to see any consistent winners from Season 1 to Season 6**

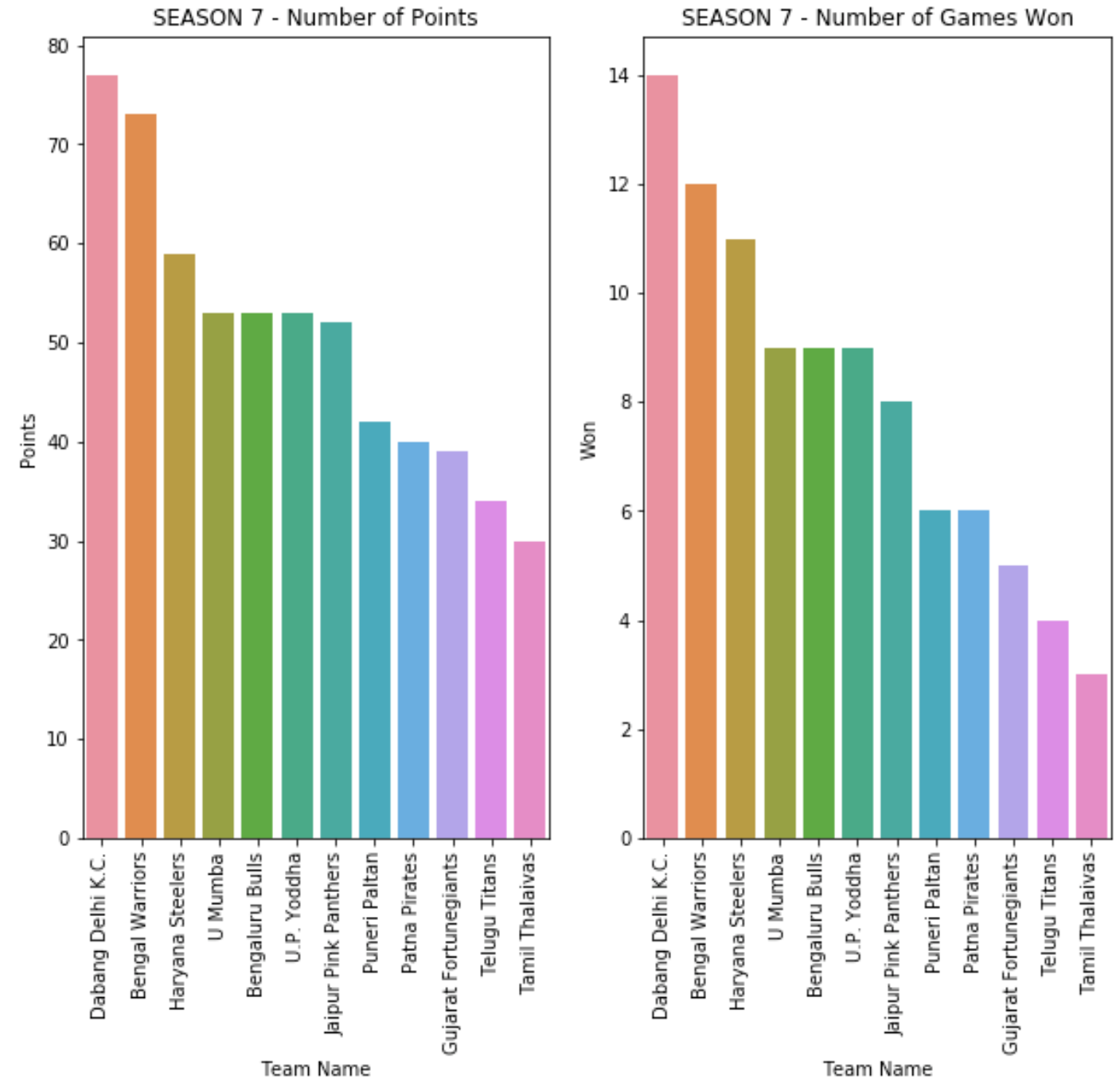


Looking at above results:

1. Above statistics are not showing consistent patterns; where any one of the team maintaining victory position.
2. Looking at Season 6 - Chances are Gujarat Fortunegiants or Bengal Warriors, Puneri Paltan or Bengal Warriors are having high chances of winning Season - 7 Too.

# Task 1: Predict the winner of the tournament.

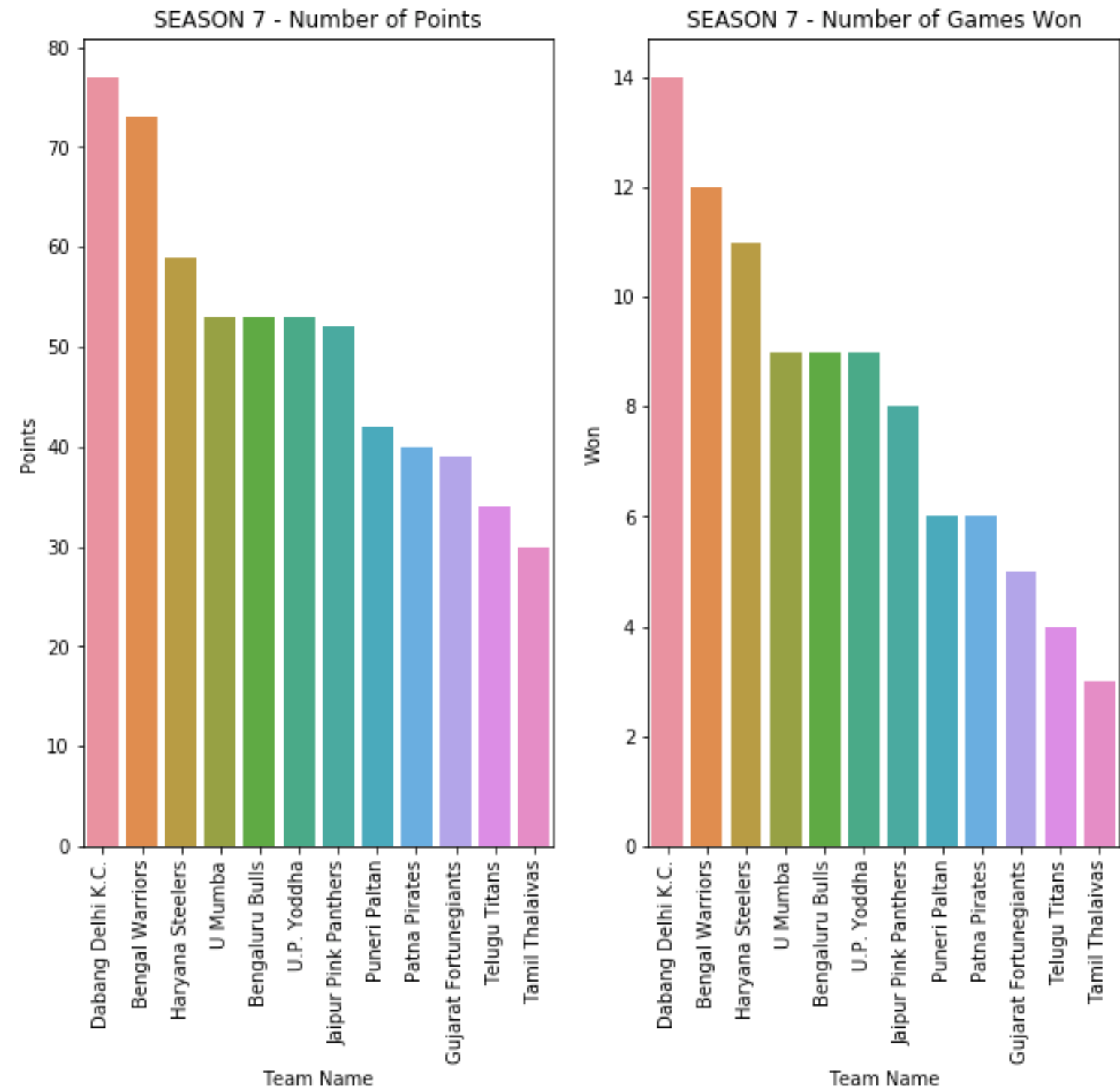
## Season-7 Points and Win Analysis, so far..



Looking at above results:

1. Dabang Delhi K,C ,Bengal Warriors, Haryana Steelers or U-mumba are top 4 contenders for Season 7 champion.
2. Out of all, Dabang Delhi KC and Bengal Warriors are going head-to-head.
3. Chances are one of the above teams will get the Season 7 Championship.

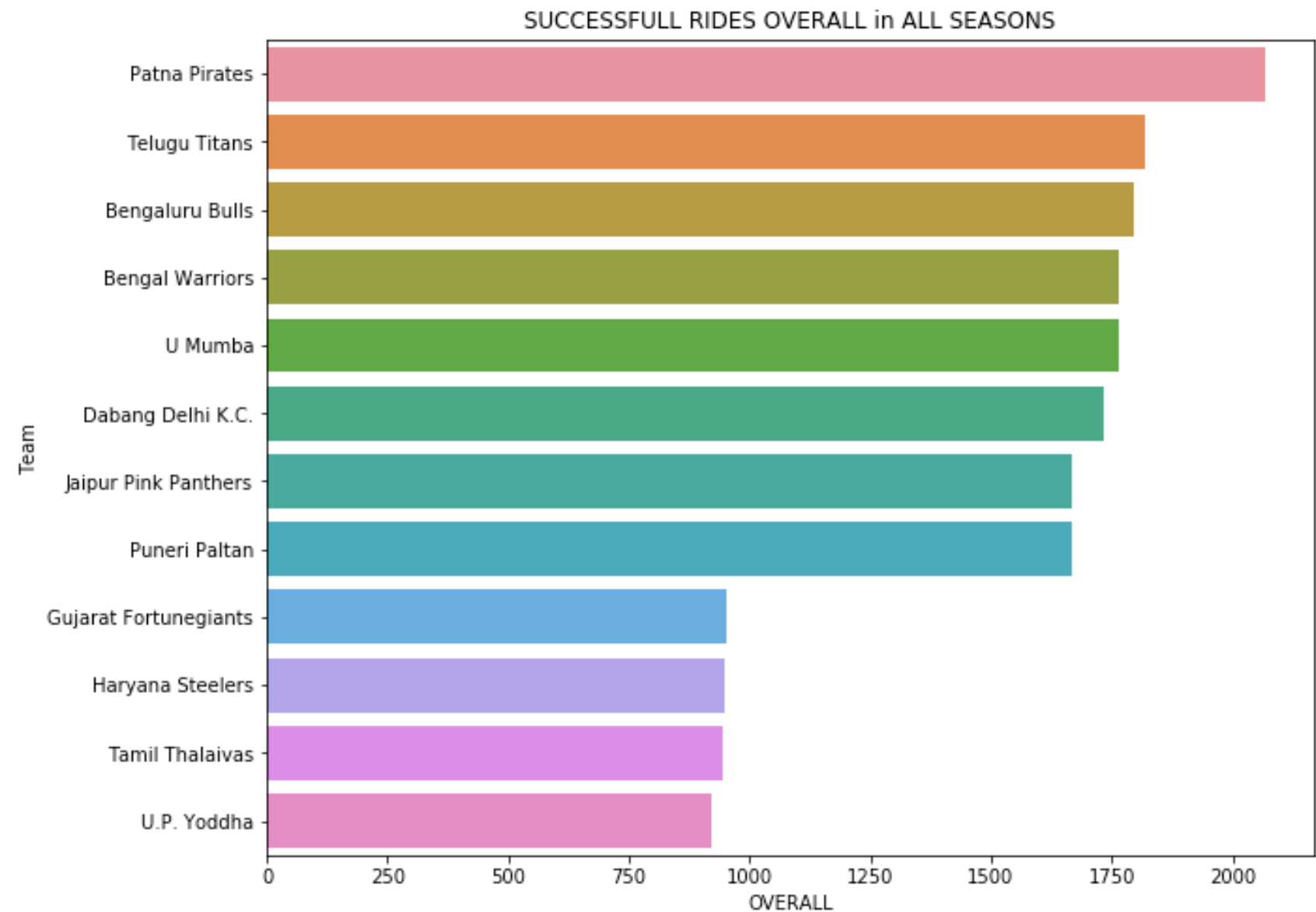
# Task 2: Predict the top team in the points table after the completion of the league matches.



Contemplating the points for Season - 7 and Season-6 along with Overall points:  
**Bengal Warriors** are securing top-4 positions along with good number of points.  
So, chances of Bengal Warriors winning Season-7 tournament is higher as they are maintaining good form.

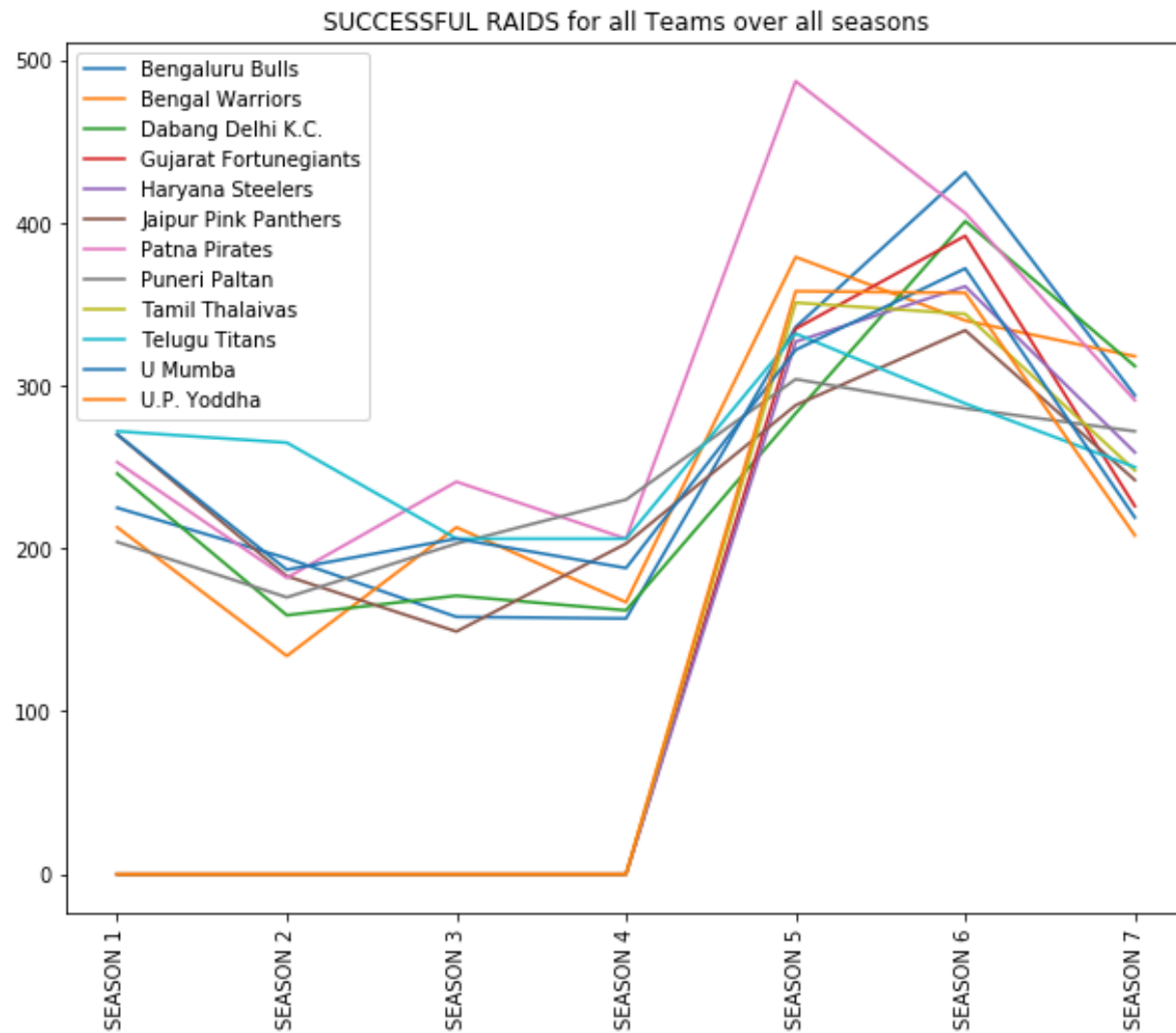
# Task 3: Predict the team with the highest points for successful raids.

**Successful rides in  
all season**

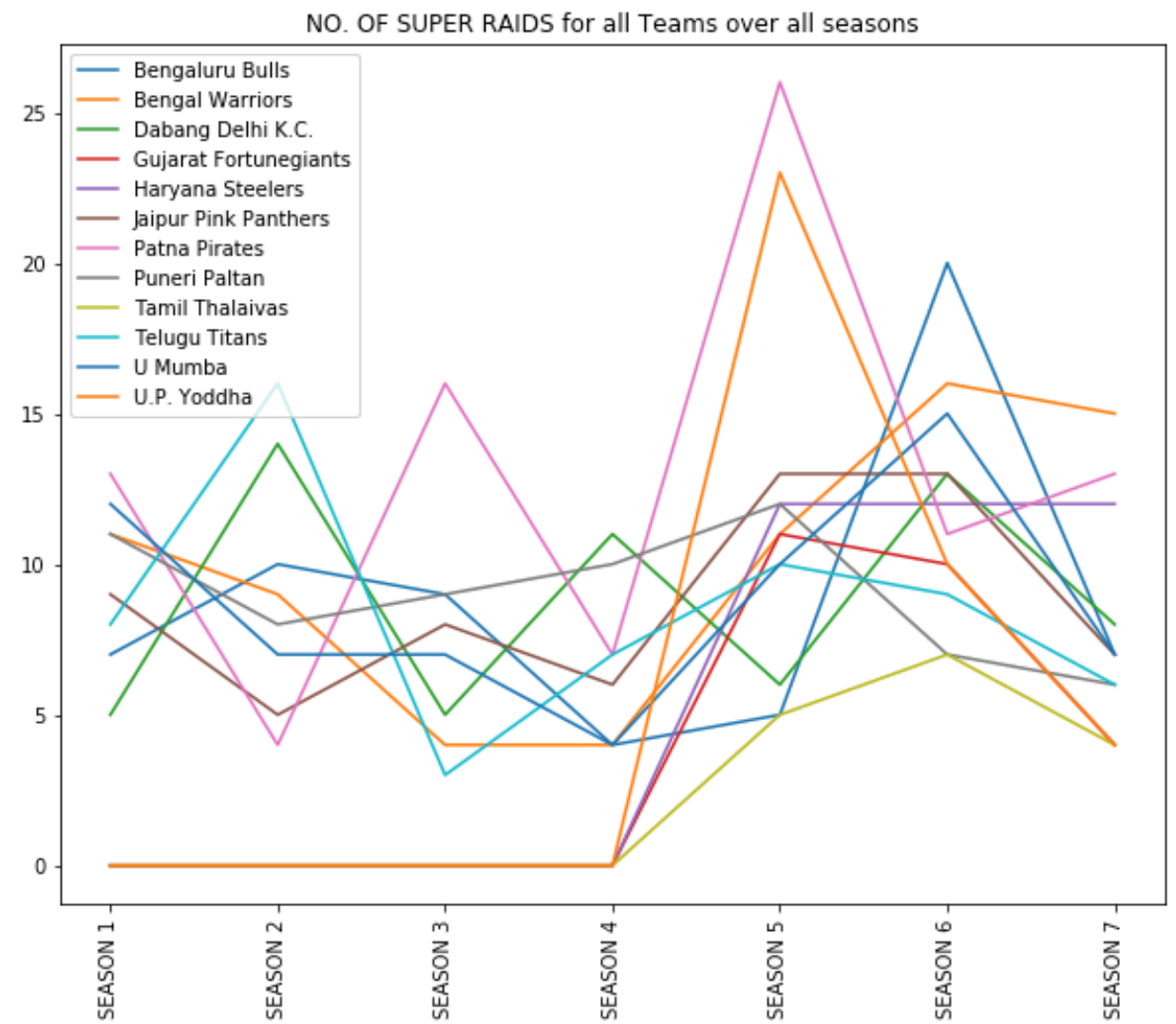


# Task 3: Predict the team with the highest points for successful raids.

## SUCCESSFUL RAIDS in all season



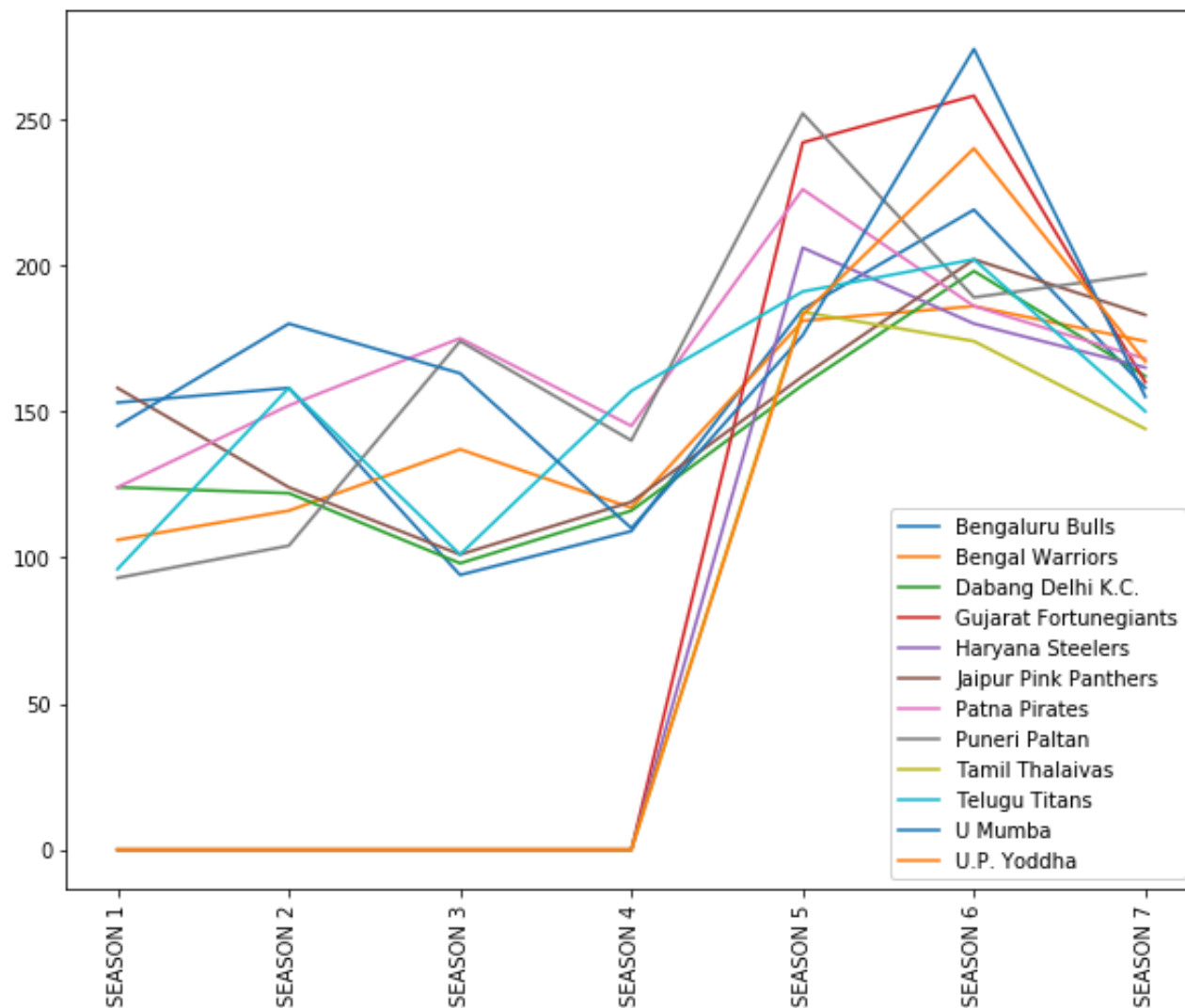
## No, Of Super rides in all season



# Task 4: Predict the team with the highest points for successful tackles

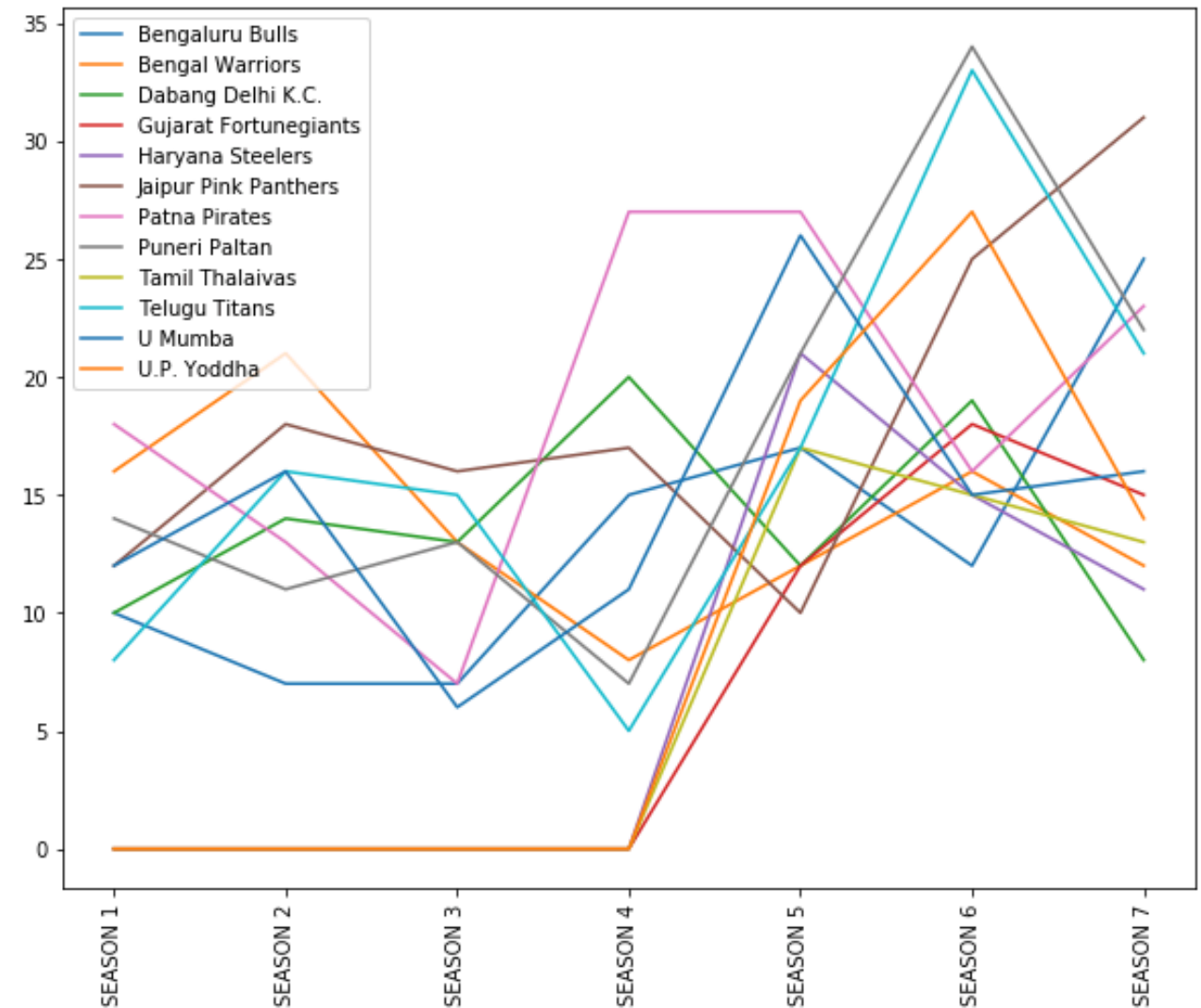
## SUCCESSFUL Tackles in all season

SUCCESSFUL TACKLES for all Teams over all seasons



## No., Super Tackles in all season

NO. OF SUPER Tackles for all Teams over all seasons





# Considering, Top 4 contenders will have Successful Rides and Successful Tackles, plotting against Top-4 teams in Season-7

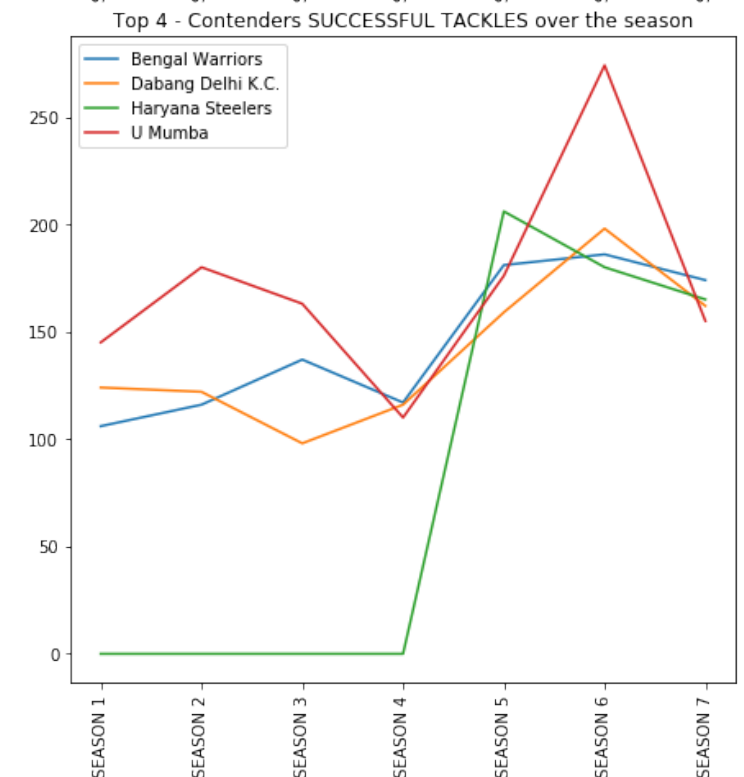
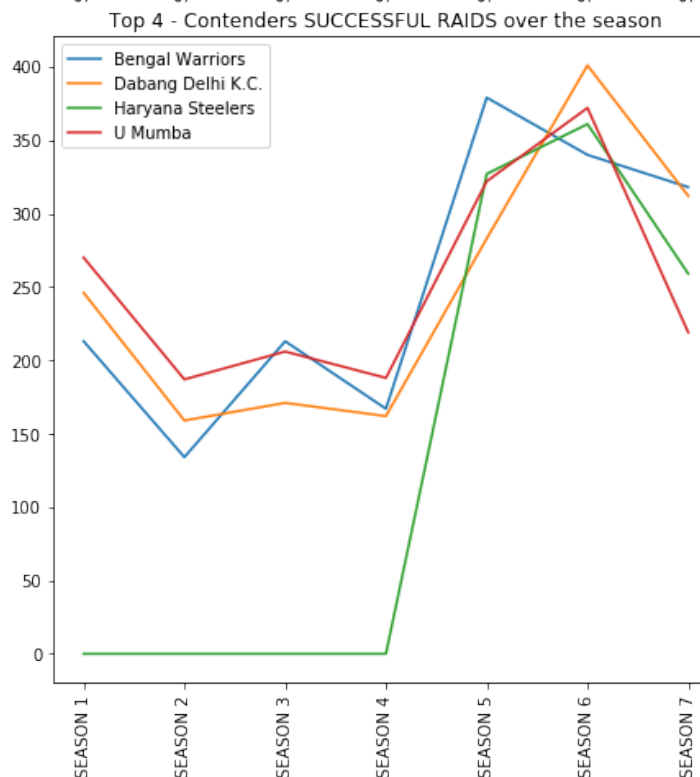
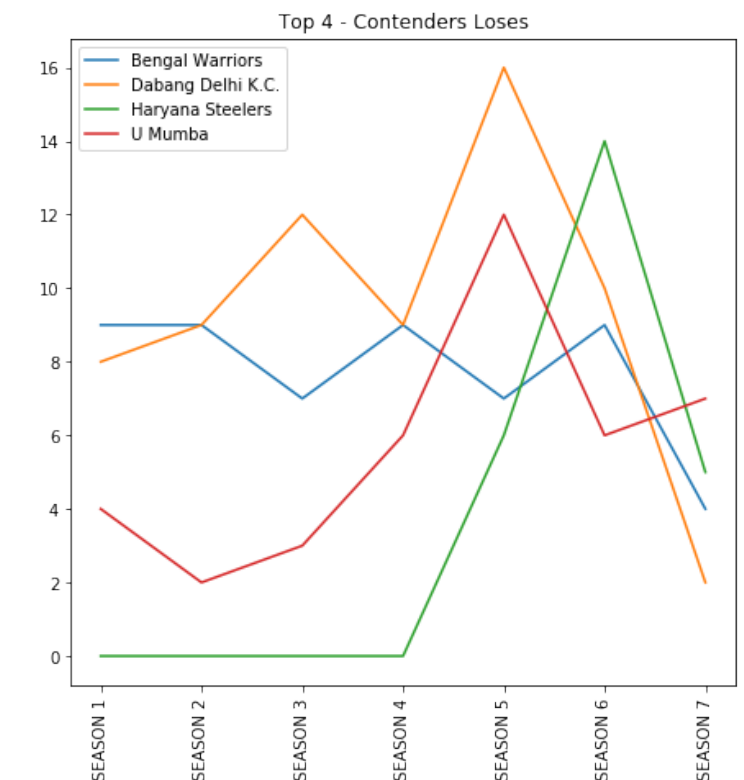
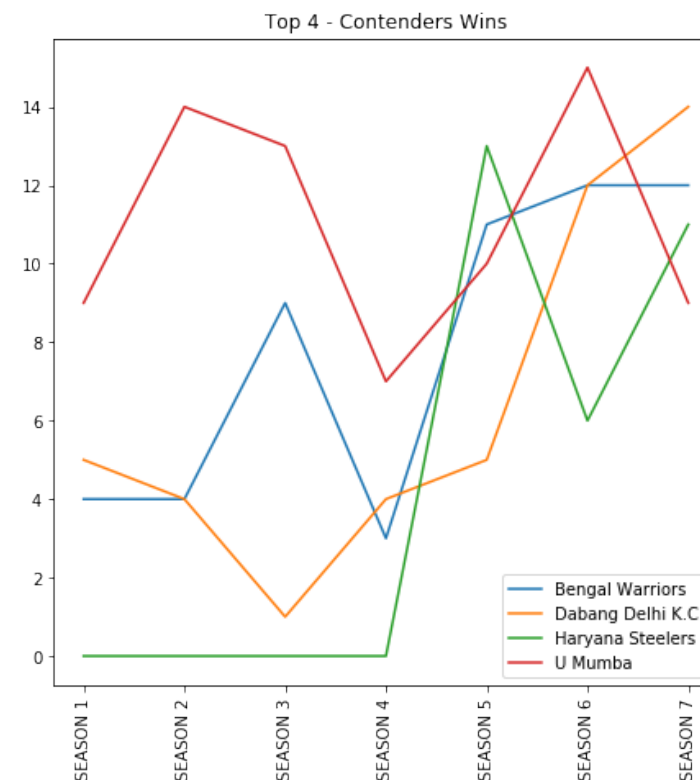
## Looking at the Plots:

1. Dabang Delhi KC, consistently showing improvement in number of Wins
2. Similarly, Bengal Warriors too, maintaining a good number of wins in Season 7, and followed by Haryana Steelers and then U Mumba
3. Whereas in category of Successful Raids, Bengal Warriors is leading in Season 7, followed in very slight margin by Dabang Delhi KC and then Haryana Steelers and then U Mumba
4. U Mumba considered to be the best the Tacklers in Season 6; but in season 7, they plummeted down to lowest compared in between Top 4 contenders
5. All team are maintaining a slight margins of difference in area of Successful Tackles; starting with Bengal Warriors in first place, then Harayana Steelers, Dabanga Delhi KC and last is U Mumba

## Winners:

**Successful Raids - ???**

**Successful Tackles - ???**



# Considering, Top 4 contenders will have Successful Rides and Successful Tackles, plotting against Top-4 teams in Season-7

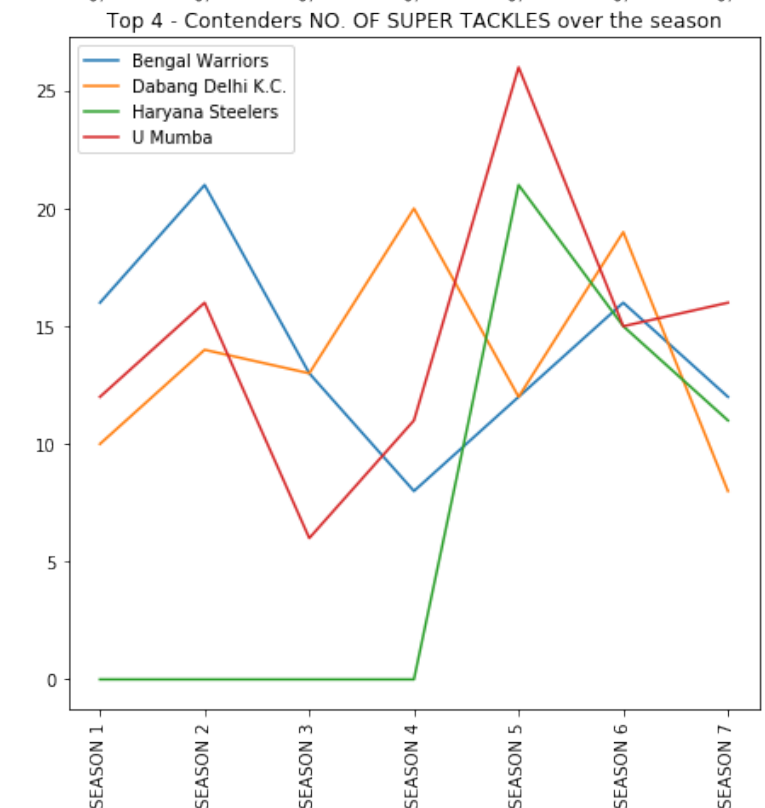
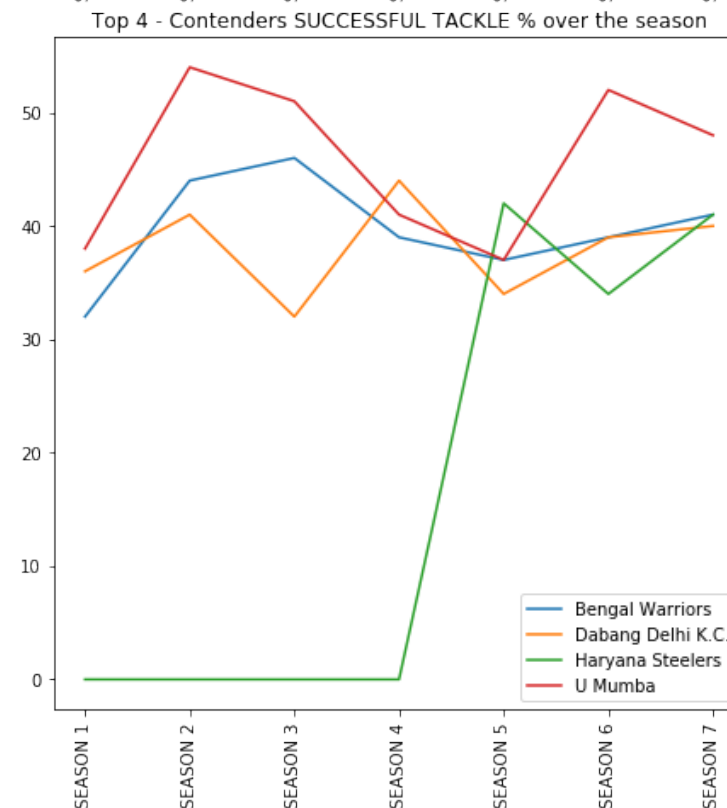
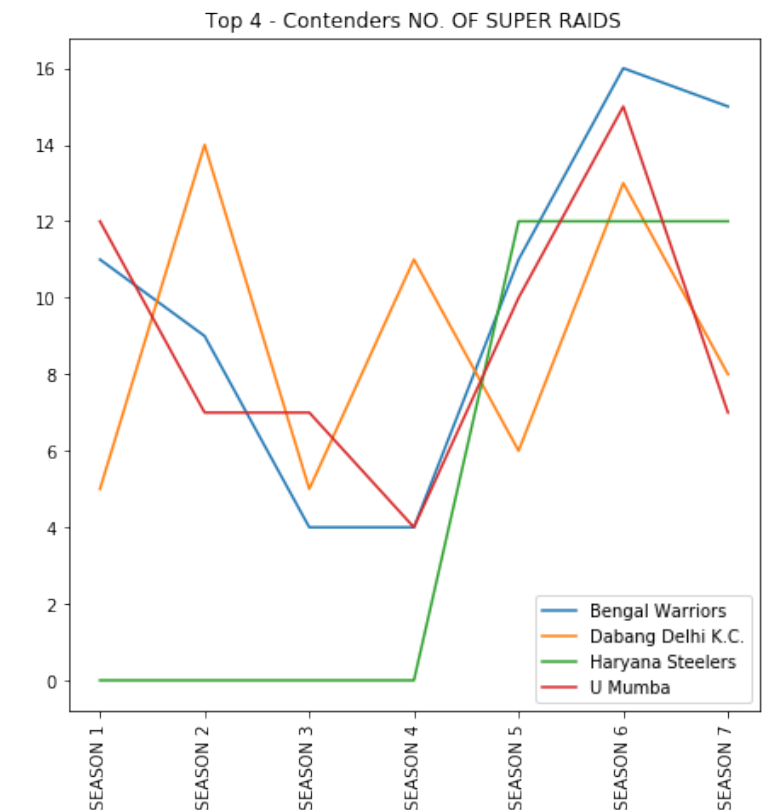
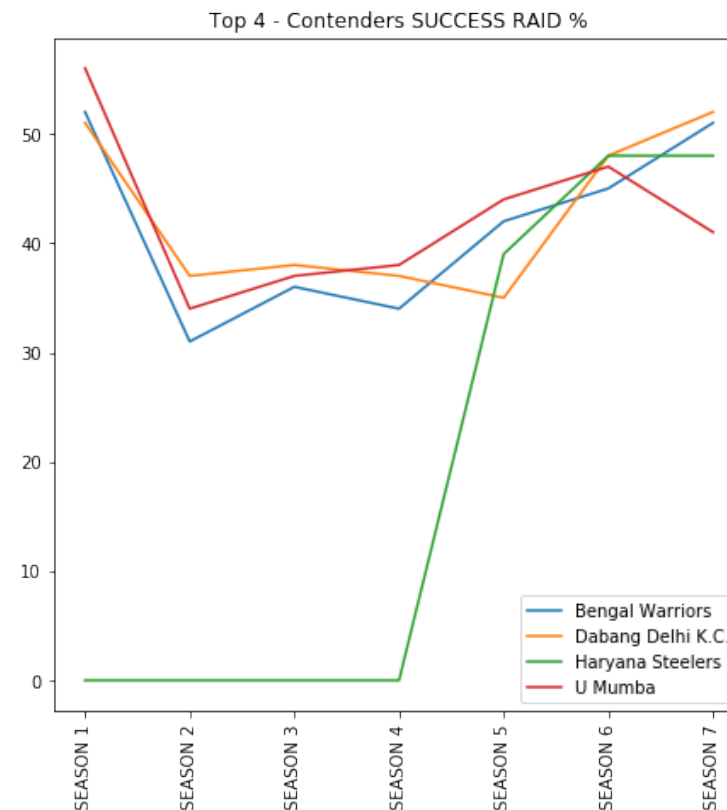
## Looking at the Plots:

1. Dabang Delhi having less number of Super Successful Raids numerically, but, they have maximum number of Successful Ride %; that means they are getting most of rides as successful ones.
2. Whereas Bengal Warriors maintaing steady Successful Ride % and No Successful Rides too.
3. Whereas Haryana Steelers, recently joined the championship and proving to be strong contender in-terms of Success raides
4. U Mumba seems to be very strong contender in Tackle percentage and Successful Tackle Percentage too.

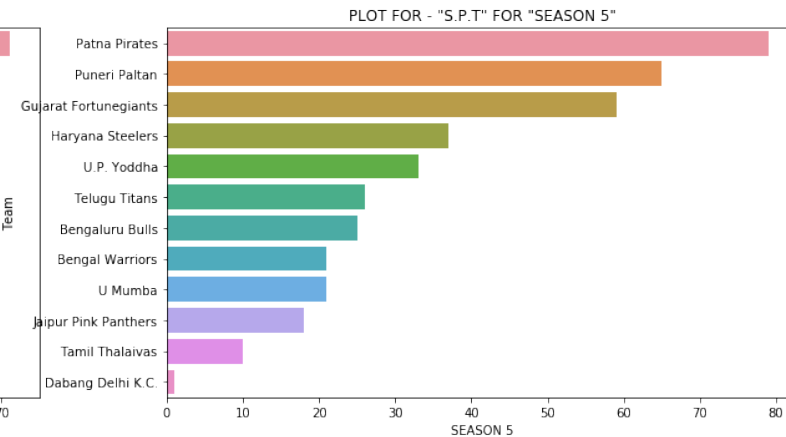
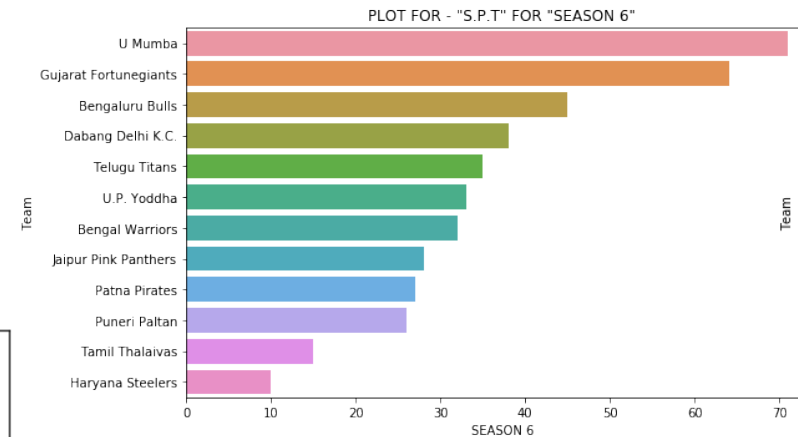
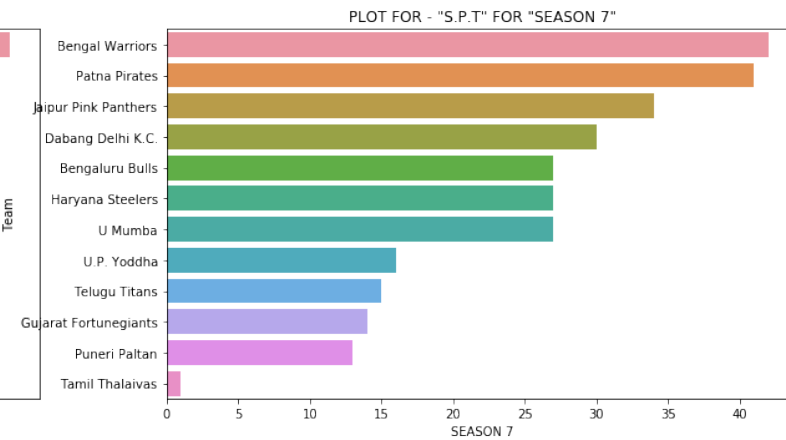
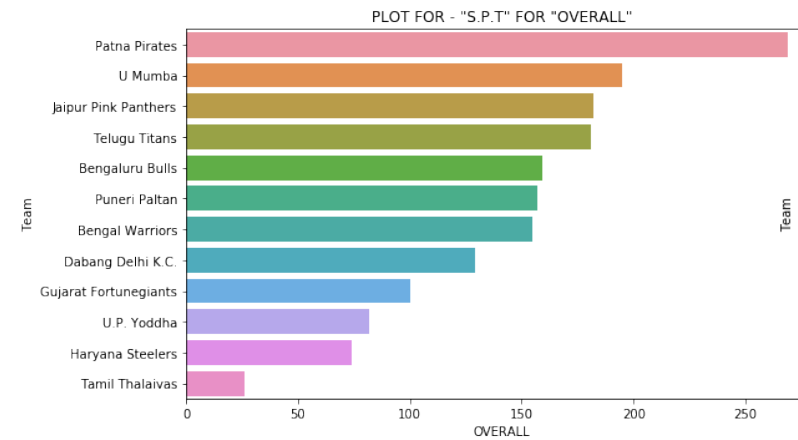
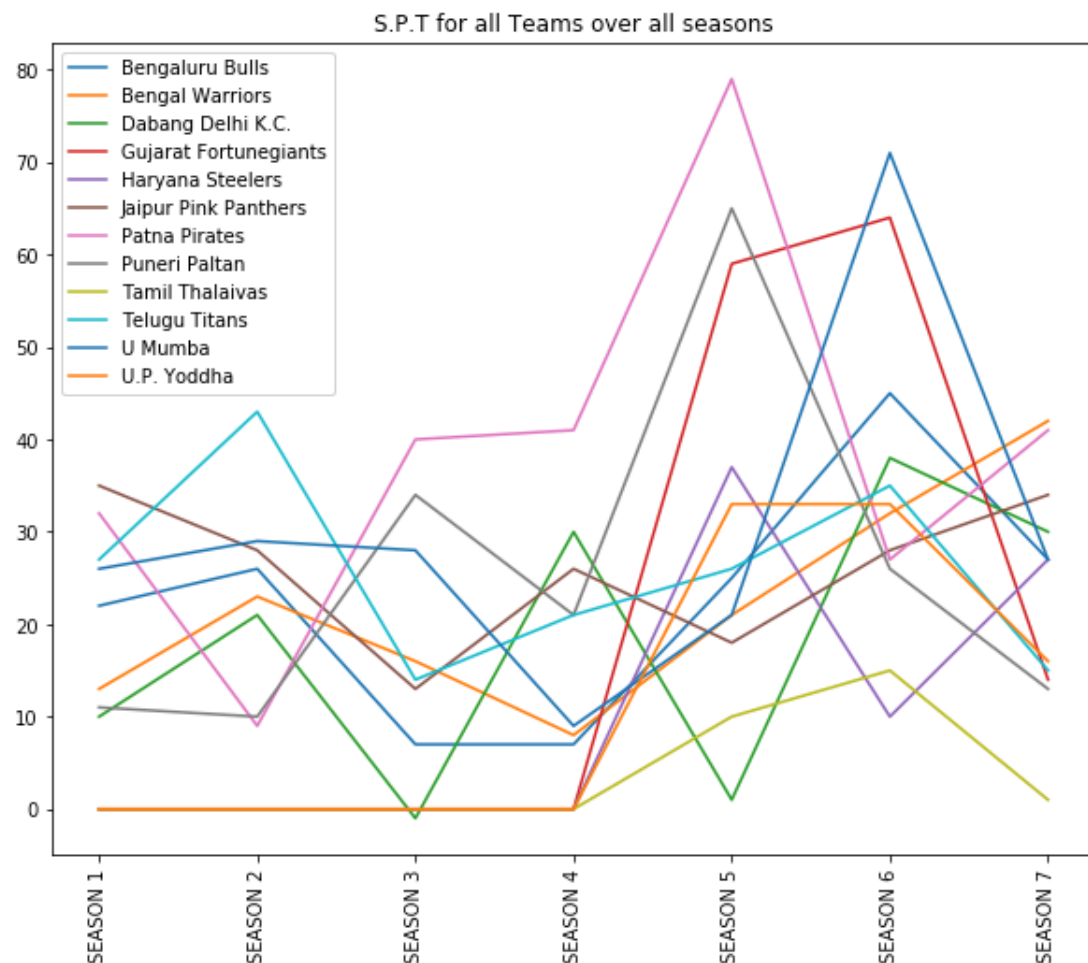
## Winners:

**Successful Raids - Dabang Delhi K,C**

**Successful Tackles - U Mumba**

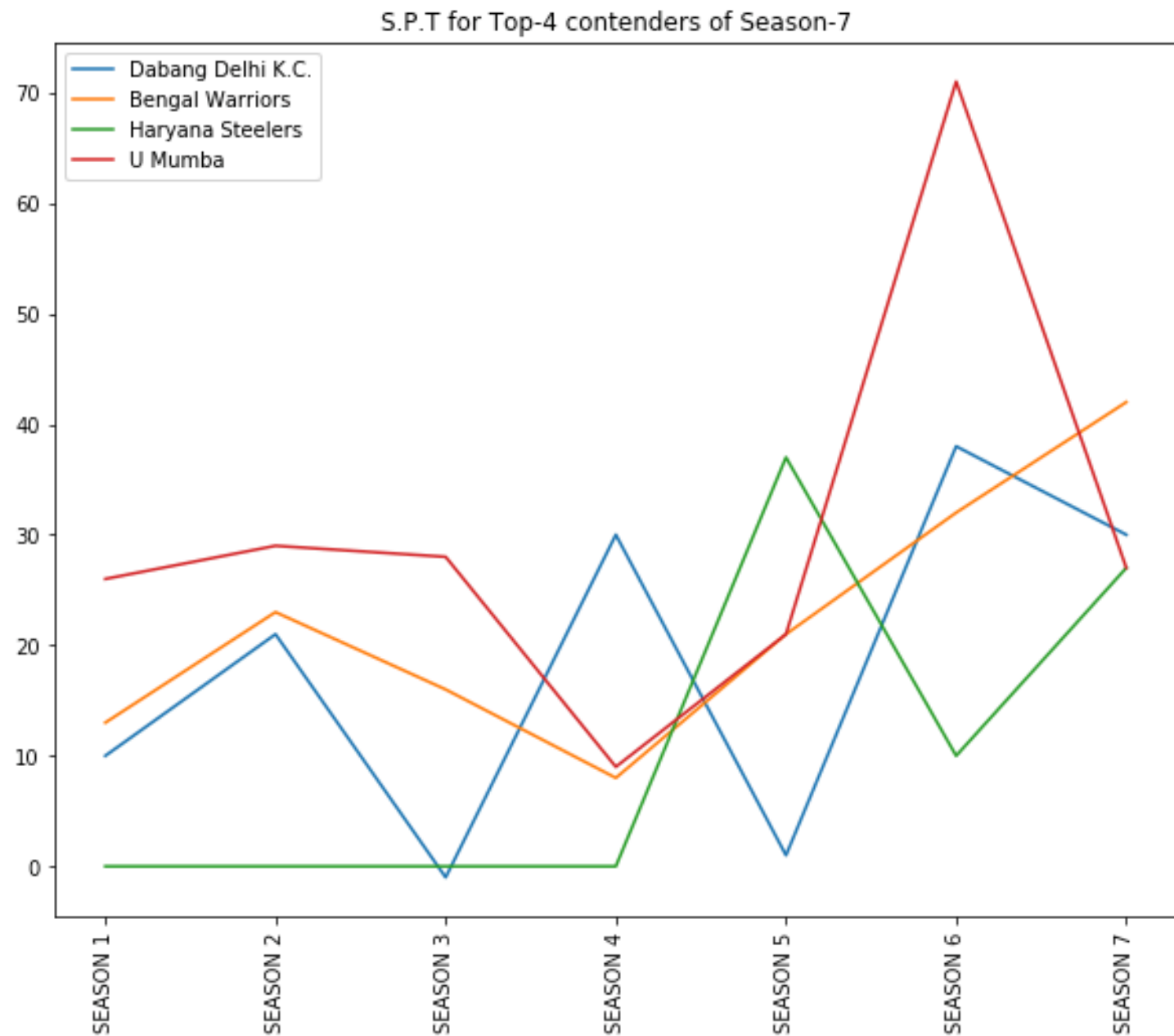


# Task 5: Predict the team with the highest super-performance total.



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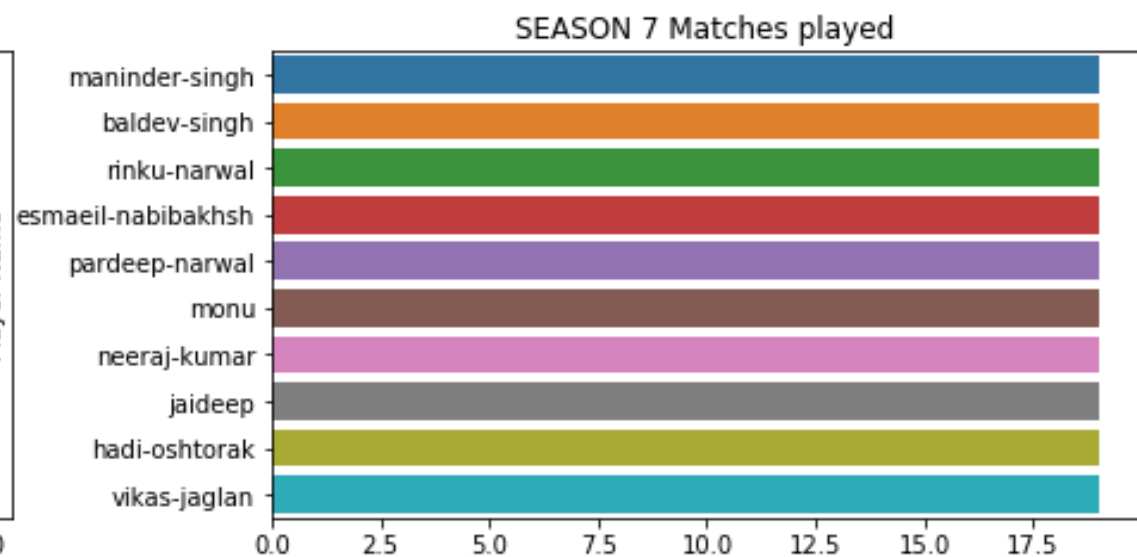
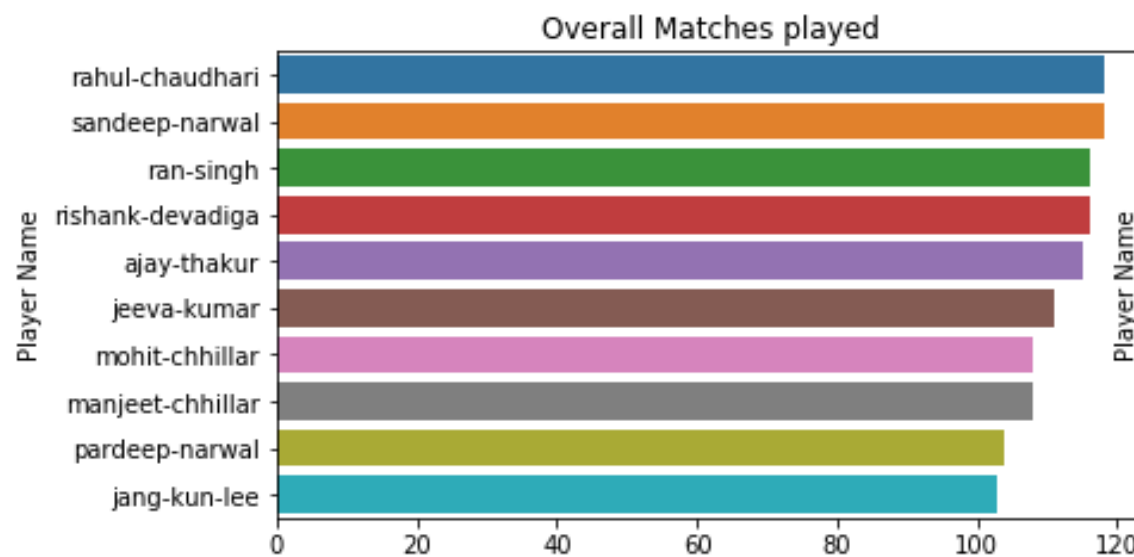
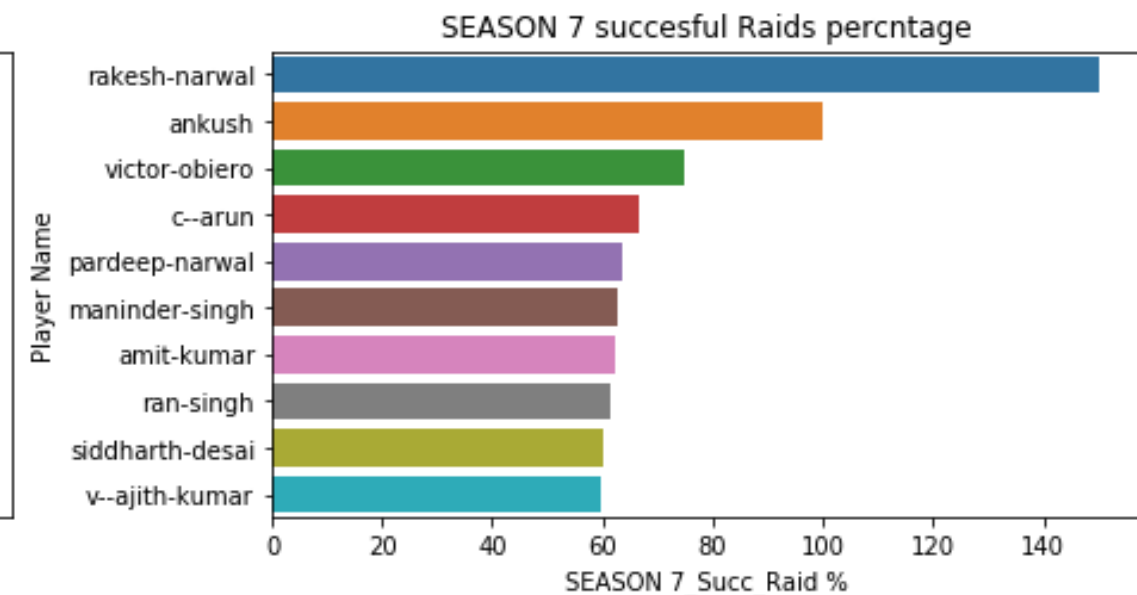
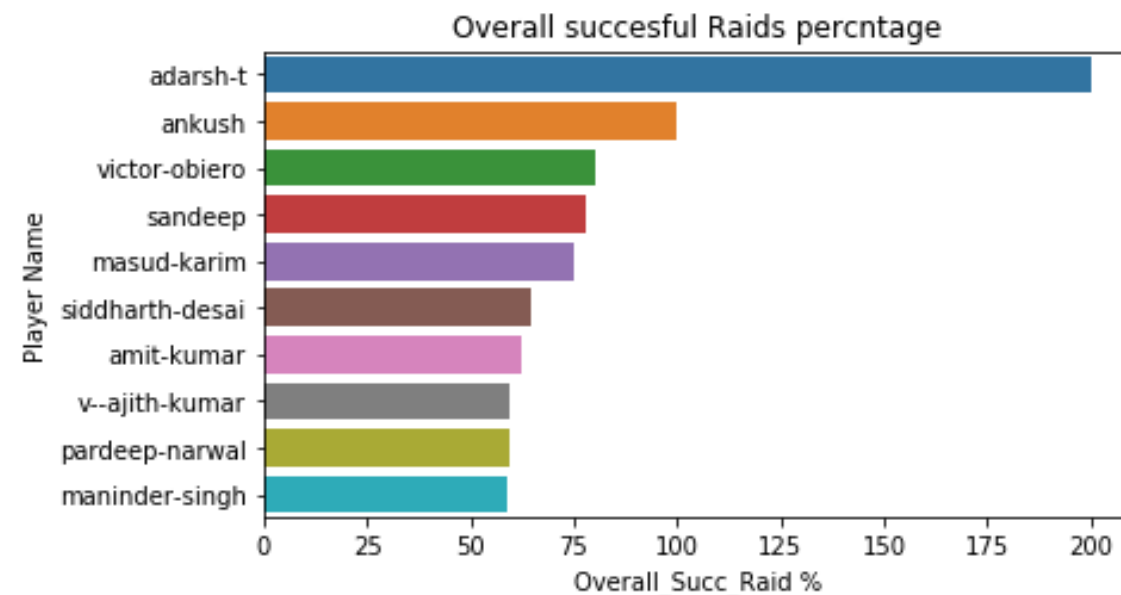
**WINNER:**  
**SPT - Bengal Warriors**



## Looking at the Plots:

1. Considering Bengal Warriors topping the points table in Season-7, chances are Bengal Warriors will lead the SPT area.

# Task 6: Predict the player with the highest SUCCESSFUL RAID percentage

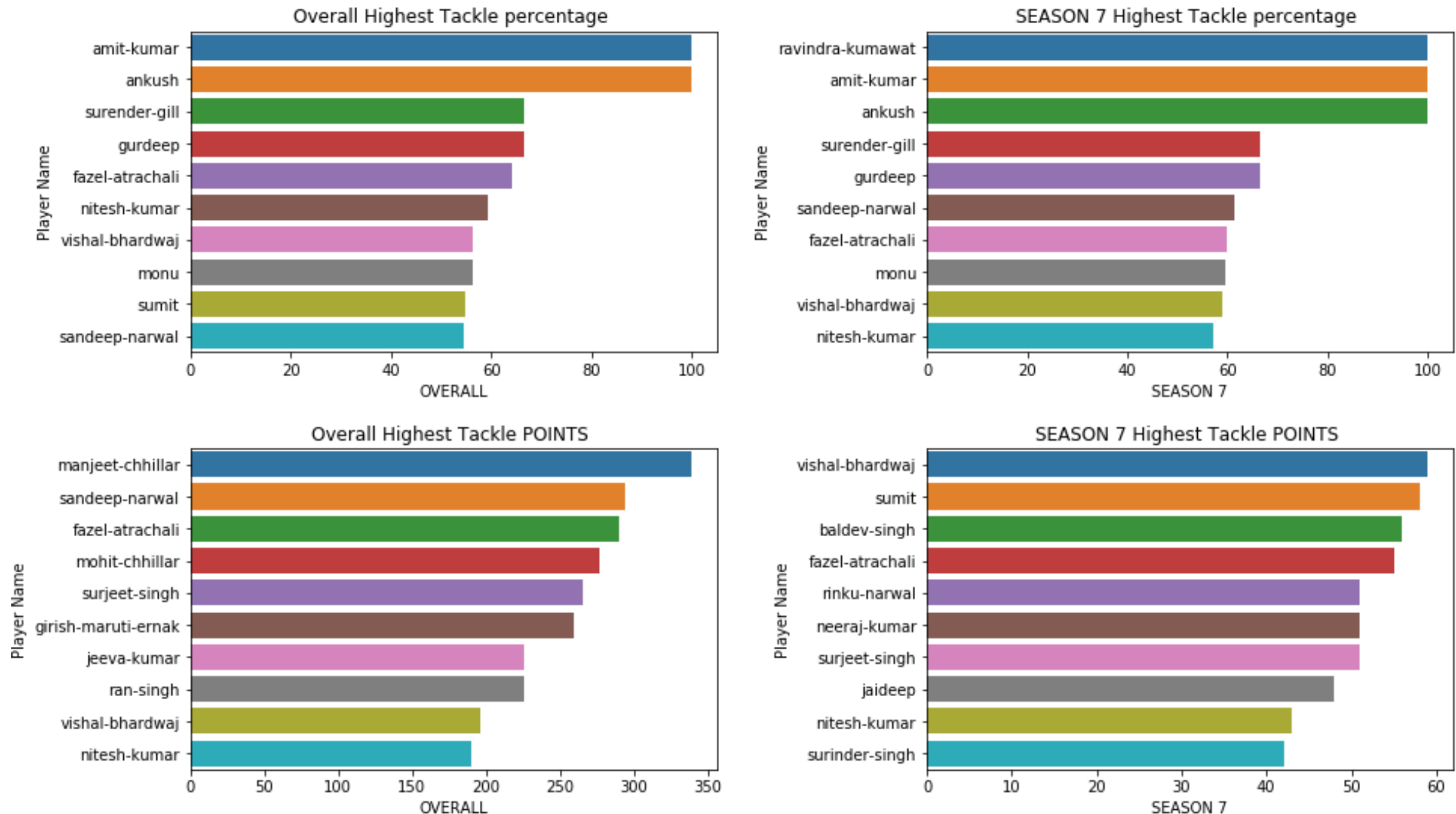


From the above graph we can analyze the below insights:

1. Overall Successful raid % for player without considering Overall Matches played 'Adarsh' is highest.
2. Overall Successful raid % for player considering Overall Matches played and Overall Successful raid % 'Pardeep Narwal' is highest.
3. Season-7 Successful raid % for player 'Rakkesh narawal' from Bengal Warriors is highest.
4. Season-7 Successful raid % for player considering season-7 most no matches played is **Pradeep narwaal**

In a very simple terms, it is predicted that Season-7 Successful Ride % player is ***Rakesh-Narwal*** from ***Bengal Warriors***

# Task 7: Predict the player with the highest SUCCESSFUL TACKLE percentage



**From the above plots we can analyse the below insights:**

1. Overall Successful tackle % is highest for 'Amit-Kumar' and 'Anushk' ; Match points are low; NOT top contenders.
  2. Overall Highest tackle POINTS is highest for 'Manjeet Chillar' and 'Sandeep-Narwal'. Season 7 match points are low, NOT top contenders in Season 7.
  3. Season-7 tackle PTS :high for 'Vishal Bhardwaj' and 'Sumit'. Overall match pts are low, NOT top contenders for season 7.
- To conclude, if 'Vishal Bhardwaj' and 'Fazel atrachali' seems top two contenders with overall and Season 7 tackle points, and percentage. Between these two **'VISHAL BHARADWAJ'** - Telugu Titans CAN BE predicted as having highest tackle percentage