IPL ASSIGNMENT USING TABLEAU





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PROBLEM STATEMENT

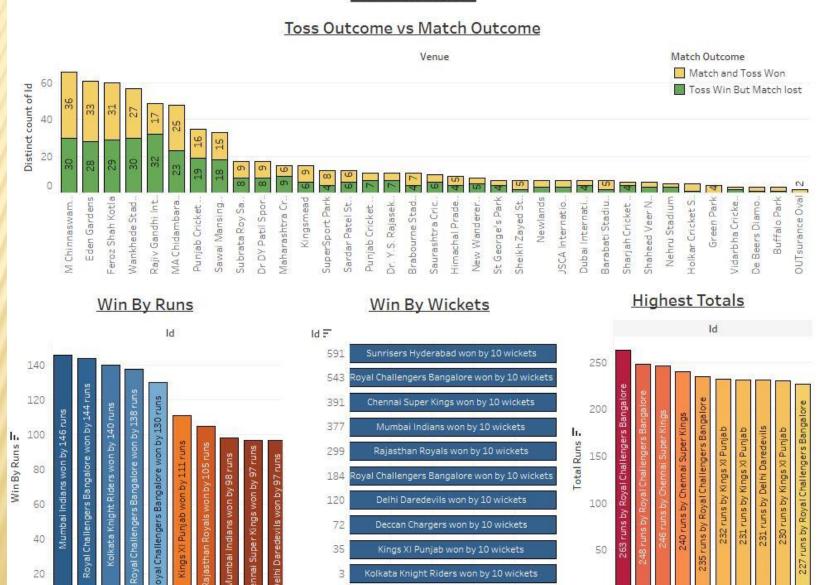
The Sports Editor has approached us to build a Tableau dashboard of IPL statistics over the years since its inception in order to create an infographic for a newsletter that their team is working on.

For this newsletter, in some cases, we will use the visual representations as you have created in Tableau directly for their infographic, and in a few other cases, they will use important statistics after trying out the different filters and customizations that you have provided for interactivity.

Match Statistics

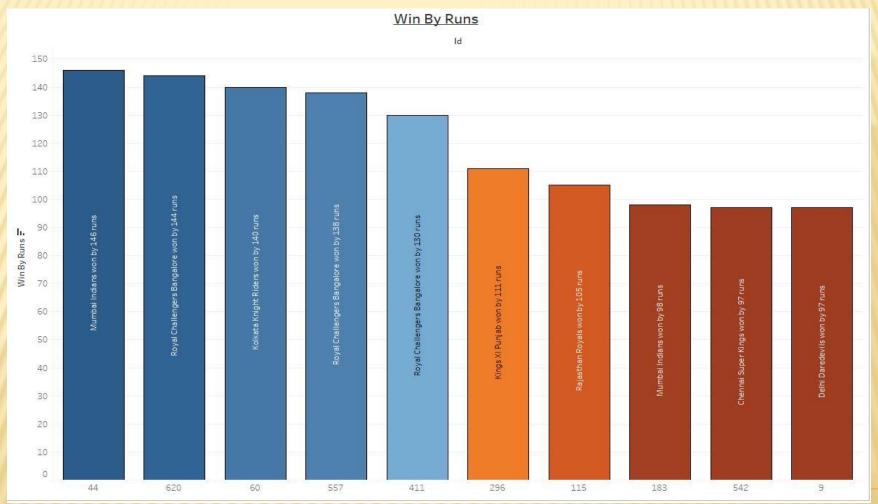


Match Statistics



Most Runs made by teams

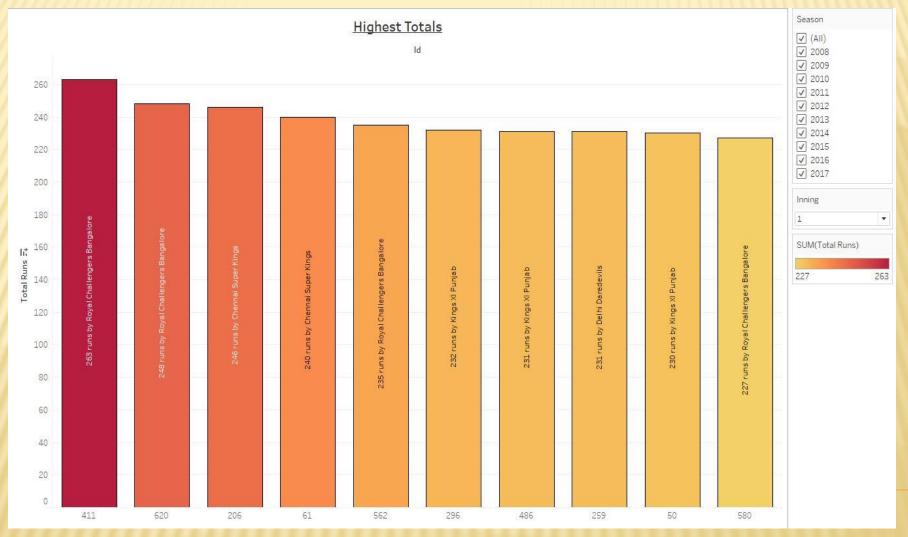




• From the above bar chart, we can observe that Mumbai Indians had won a match by 143 Runs, which is the highest of all the seasons.

Highest totals in IPL





• From the above bar chart, we can observe that Royal Challengers Bangalore had made a whooping total of 263 runs in the 1st innings.

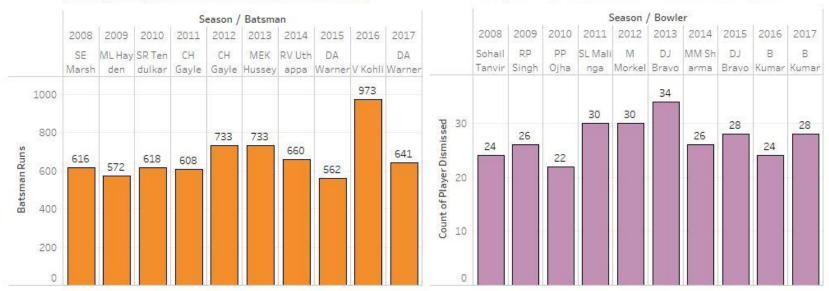
Player Statistics



Player Statistics



Purple Cap contenders across Seasons

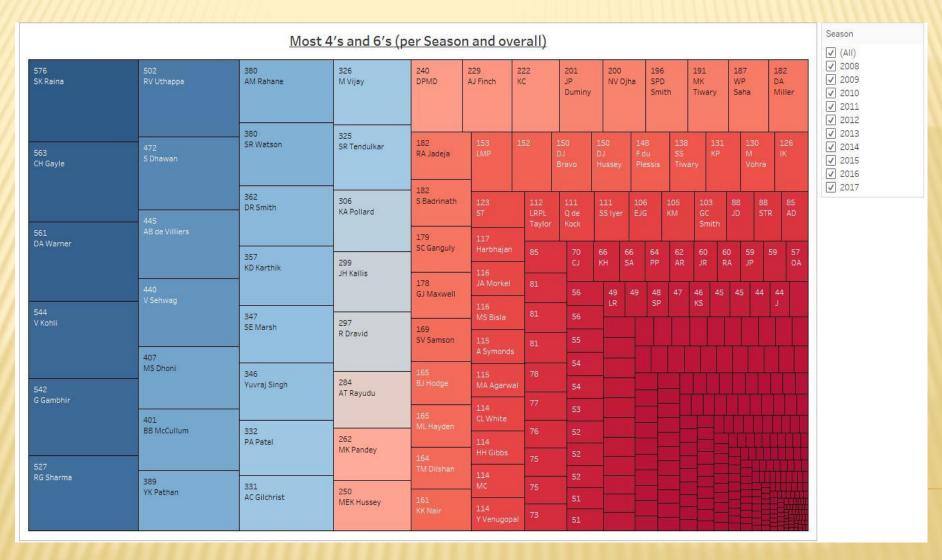


Most 4's and 6's (per Season and overall)

576 SK Raina	527 RG Sharma	407 MS Dhoni	357 KD Karthik	325 SR	240 DPMD	182	161		Season ✓ (A	
		401	347	306	229	182	153	114	▼ (A ▼ 20	
563 CH Gayle	502 RV Uthappa	401 BB McCullum	SE Marsh	KA Pollard		182	152	112	✓ 20	
		389	346	299	222	179	150		✓ 20 ✓ 20	
561 DA Warner	472 S Dhawan	YK Pathan	Yuvraj 332	JH Kallis 297 R Dravid	201		150		✓ 20 ✓ 20	
		380				178	148		✓ 20✓ 20	
544	445 AB de Villiers	AM Rahane	PA Patel	284	200	169	-		✓ 20	
V Kohli		380	331	AT Rayudu	196	165	138		✓ 20 ✓ 20	
		SR Watson	AC Gilchrist	262		- ESSESS:				

Most numbers of 4's and 6's





• From the visual we can see that across all the season Suresh Raina and Chris Gayle hit most number's of 4's and 6's.

Outstanding Player's of IPL





- From the 1st graph, we can say that **Virat Kohli** did a fantastic job of hitting **973 runs** in just one season outperforming every other batsmen in 2016.
- From the 2nd graph, we can clearly see that **DJ Bravo** had taken **34 wickets** and was the only bowler in IPL to achieve that.

Team Statistics

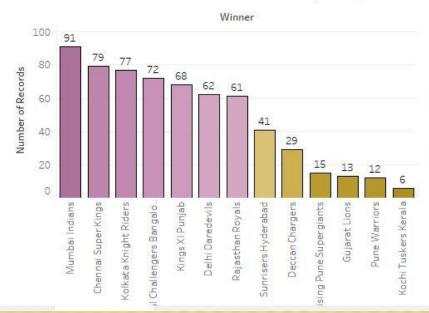


Team Statistics

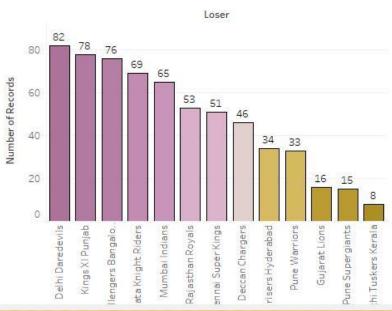
Home Win vs Away Win

	Winner												
Home Vs Away	Chennai Super Kings	Deccan Chargers	Delhi Daredevils	Gujarat Lions	Kings XI Punjab	Kochi Tuskers K	Kolkata Knight Rid	Mumbai Indians	Pune Warriors	Rajasthan Royals	Rising Pune Supergian		Sunrisers Hyderabad
Away_win	42.11%	78.57%	45.24%	72.73%	48.08%	60.00%	40.32%	43.04%	55.56%	32.61%	61.54%	47.37%	35.48%
Home_win	57.89%	21.43%	54.76%	27.27%	51 92%	40.00%	59.68%	56.96%	44.44%	67.39%	38.46%	52.63%	64.52%

Season-wise Team Performance (Wins)



Season-wise Team Performance (Loss)



Comparison between Home Vs Away Games



							Winner						
Home Vs Away	Chennai Super Kings	Deccan Chargers	Delhi Daredevils	Gujarat Lions	Kings XI Punjab	Kochi Tuskers Kerala	Kolkata Knight Riders	Mumbai Indians	Pune Warriors	Rajasthan Royals	Rising Pune Supergiants	Royal Challengers Ba	Sunrisers Hyderabad
Away_win	42.11%	78.57%	45.24%	72.73%	48.08%	60.00%	40.32%	43.04%	55.56%	32.61%	61.54%	47.37%	35.48%
Home_win	57.89%	21.43%	54.76%	27.27%	51.92%	40.00%	59.68%	56.96%	44.44%	67.39%	38.46%	52.63%	64.52%

- The above graph shows that **Rajasthan Royals** has the best Home wins of 67.3%.
- Whereas, **Deccan Chargers** has the best Away wins of 78.5% followed by Gujarat Lions.



Thank You