

IPL Visualization

- Aman Sharma



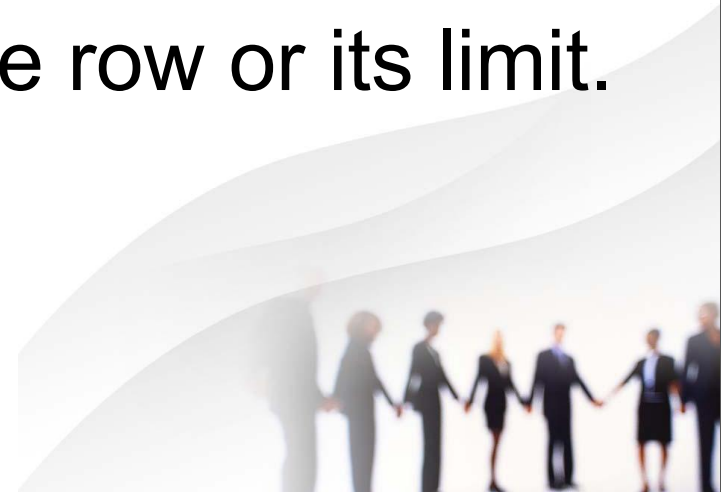
Overview

- Why Tableau?
- Graphs
- Dashboards
- Summary



Why Tableau?

- Now, it has a simple answer because we can get necessary insights faster.
- As compare any tools its efficient to also get graphs of particular outcome.
- Also now boundation on the row or its limit.



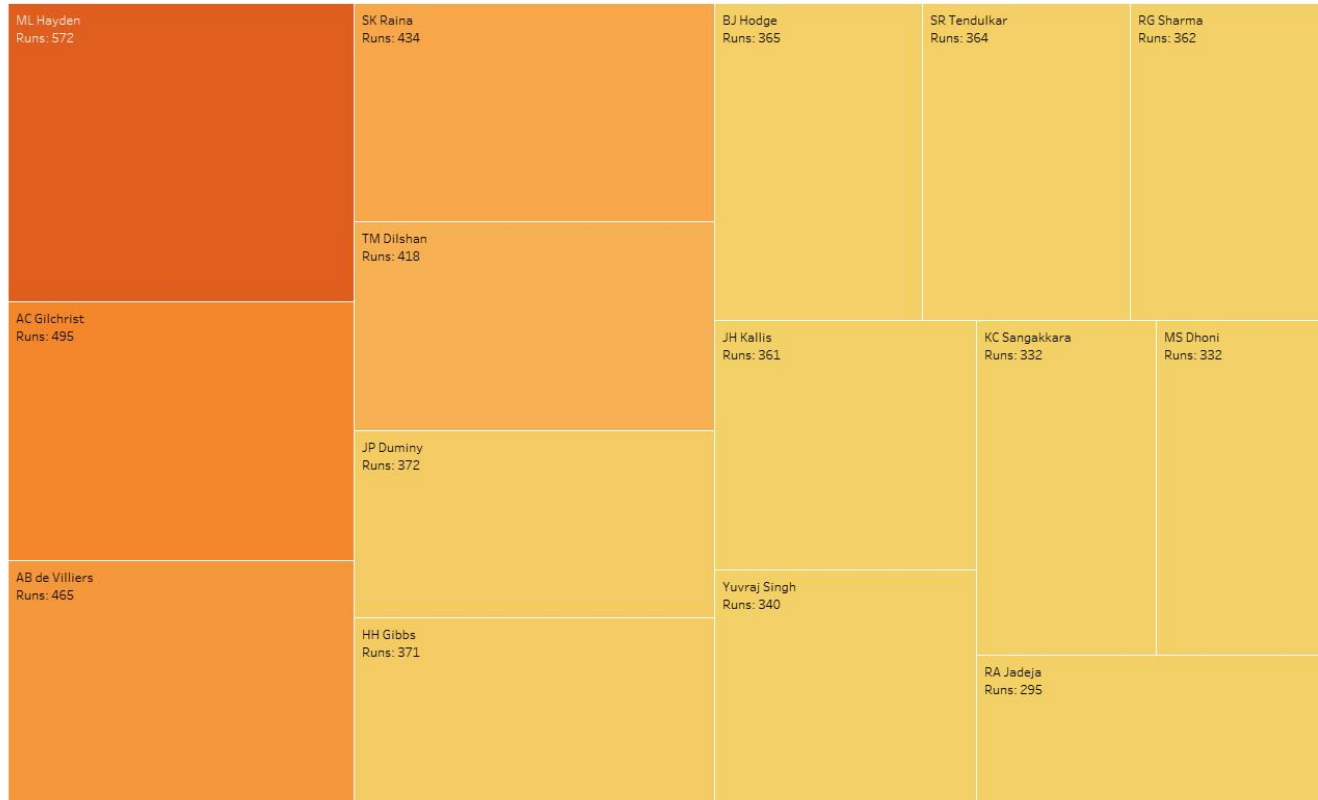
Graphs

- This graphs belongs to what percentage or scores that belong to particular team or player.
- There win and losses along with time passed.
- Also give the great visualizations with bar, dual axis etc. various charts and graphs to compile following insights.
- So, in next slides there are some charts for example -



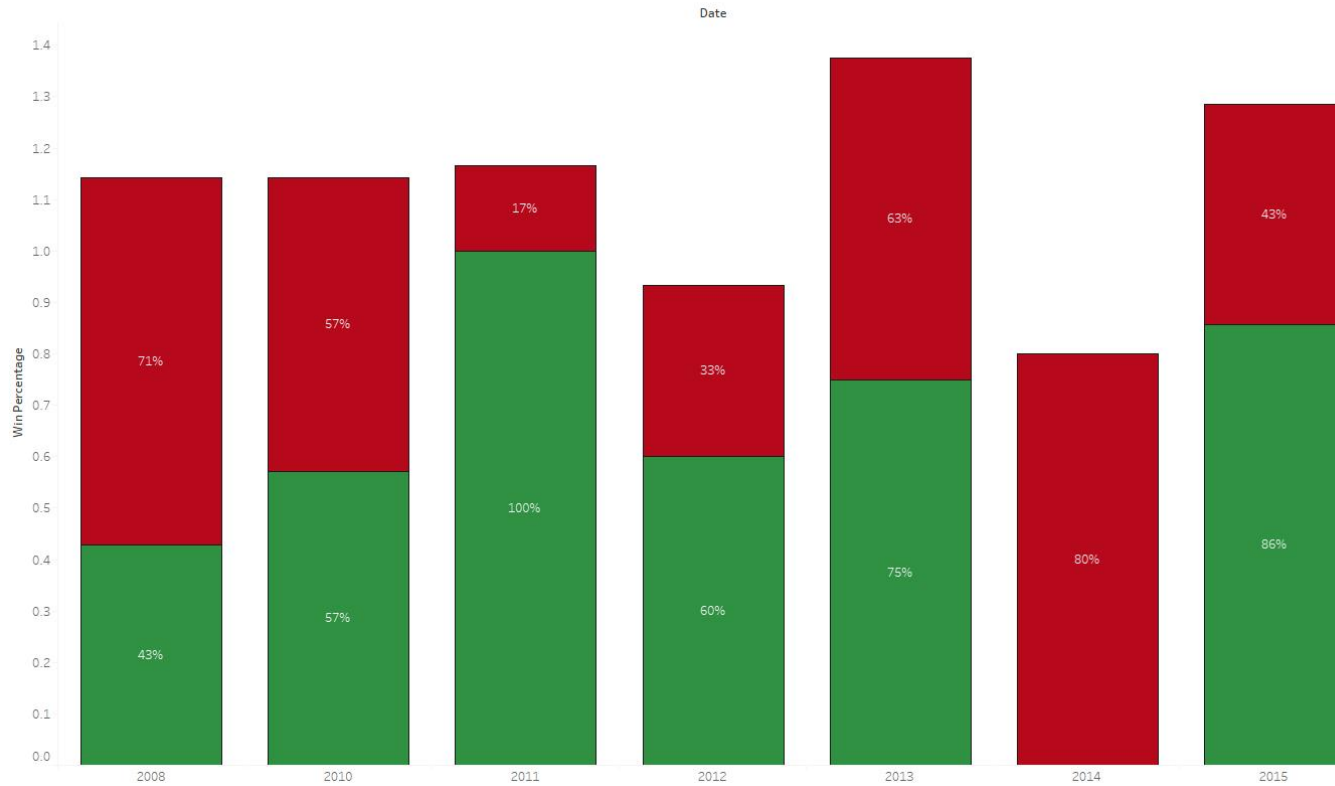
- Orange cap holders

Orange cap contenders



- Win percentage graph.

Win % (Home vs Away)



Dashboards

- A dashboard is a collection of several views, letting you compare a variety of data contemporaneously.
- For illustration, if you have a set of views that you review every day, you can produce a dashboard that displays all the views at formerly, rather than navigate to separate worksheets.



Match stats Dashboard

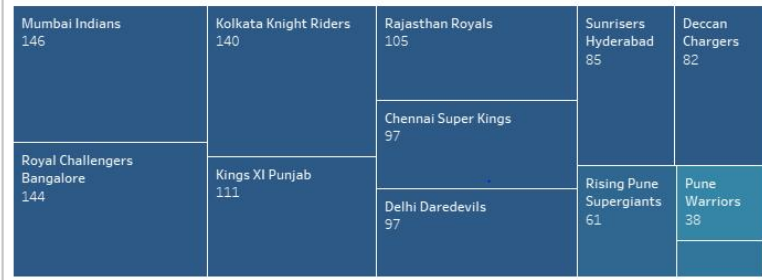
- It consist of biggest wins by runs and wickets, highest totals (across all the seasons), Toss outcome vs Match outcome (for each venue), etc.
- Here, we can see all the data and its insights are been presented on the same page.



- Here, is the dashboards -

Match stats

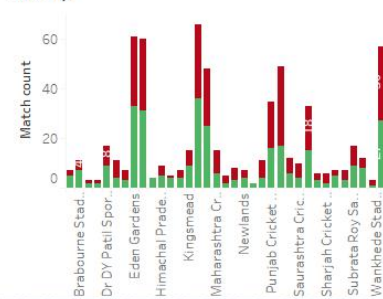
Biggest wins (by runs and by wicket)



Max. Win By Wickets



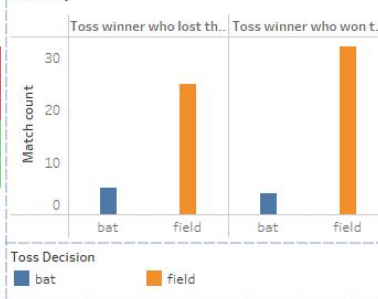
Toss outcome vs Match outcome (for each venue)



Toss vs Outcome

■ Toss winner wh. bat ■ Toss winner wh. field

Toss decision vs Match outcome (for each venue)



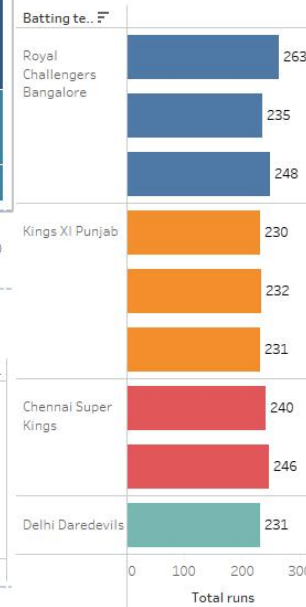
Toss Decision

■ bat ■ field

Total runs



Highest totals (across all the seasons)



Venue

M Chinnaswamy Stadium



Player stats Dashboard

- It consist of orange cap contender, purple cap contender, run scored, Most number of fours and sixes.
- Now, this gives us the clear visualization about the player stats.
- Easily we can identify the players behaviour and its progress.



- Here, is the dashboard -

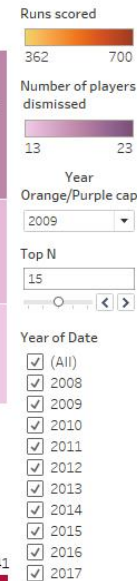
Player stats

Orange cap contenders

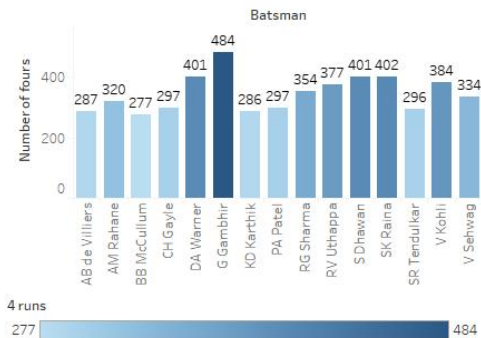
ML Hayden Runs: 572	TM Dilshan Runs: 418	JP Duminy Runs: 372	HH Gibbs Runs: 371	BJ Hodge Runs: 365
AC Gilchrist Runs: 495	SR Tendulkar Runs: 364		Yuvraj Singh Runs: 340	KC
AB de Villiers Runs: 465	RG Sharma Runs: 362		MS Dhoni Runs: 332	RA Jadeja Runs: 295
SK Raina Runs: 434	JH Kallis Runs: 361			

Purple cap contenders

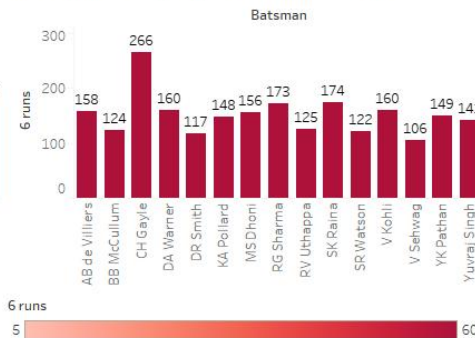
RP Singh Wickets: 23	A Nehra Wickets: 19	DP Nannes Wickets: 19	MM Patel Wickets: 18	SL Malinga Wickets: 18
PP Ojha Wickets: 21	M Muralitharan Wickets: 16		JA Morkel Wickets: 14	SK Warne Wickets: 14
A Kumble Wickets: 20	PJ Sangwan Wickets: 16		YA Abdulla Wickets: 14	A Mishra Wickets: 13
IK Pathan Wickets: 20	P Kumar Wickets: 15			



Most number of fours(per season and overall)



Most number of sixes(per season and overall)



Team stats Dashboard

- It consist of Season-wise team performance (wins vs losses), Season-wise team performance (loss), Season-wise team performance (wins) and Win % (Home vs Away).
- Now, here we can get a clear idea about the team stats.



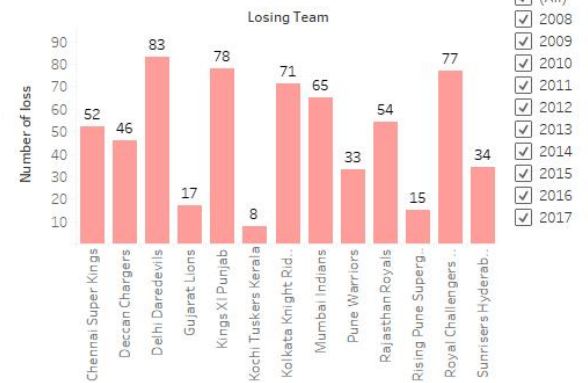
- Here, is the dashboard -

Team Stats

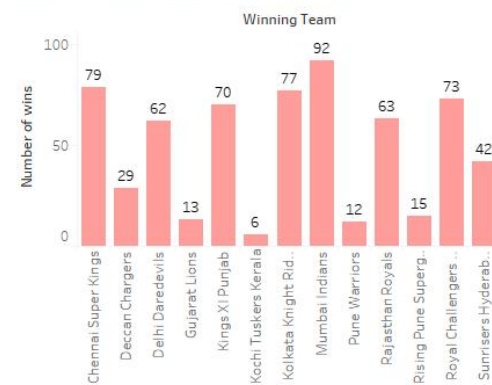
Season-wise team performance (wins vs losses)



Season-wise team performance (loss)



Season-wise team performance (wins)



Win % (Home vs Away)



Summary

- CSK and MI are the most successful team in IPL history followed by KKR.
- The highest number of matches were played in Mumbai, Kolkata, Bangalore, and Delhi.
- Maximum number of matches were played at M Chinnaswamy stadium.
- Maximum number of matches were won at M Chinnaswamy stadium and maximum matches were lost at Rajiv Gandhi International stadium.
- RCB holds the highest score in the IPL history of 263 & 248 in the year 2013 and 2016.
- V Kohli holds the record for highest runs in a single season of IPL.
- SL Malinga holds the record for taking highest number of wickets in a single season of IPL.
- Gautam Gambhir has hit maximum number of fours across all IPL seasons.
- Chris Gayle has hit most no of sixes across all IPL seasons.
- The highest number of matches won in a season is 13 and this was achieved by RR in 2008 and MI in 2013.
- The highest number of matches lost in a season is 13 and DD performed the worst in 2013.

