

IPL data analysis

Source: Kaggle (<https://www.kaggle.com/manasgarg/ipl>). The dataset consisted of ball by ball data of all IPL matches between 2008 and 2017.

Insights:

- Teams
 - **636 matches** played in IPL editions between 2008 and 2017
 - Collectively, **Mumbai Indians** has won most matches – **92 matches** won between 2008 and 2017.
 - **Rajasthan Royals** and **Mumbai Indians** won **13 matches each in 2008 and 2013** respectively (highest in any season).
 - **51% of times** in all 10 seasons, **team winning toss won the match**. In **2009 and 2017**, **58%** of the matches were won by the team that **won the toss**.
 - In **2016**, teams winning the toss and opting to field won the match **94%** of the times!
 - Between 2008 and 2017, **seven tied matches** were played – **Rajasthan Royals and King Xi Punjab** each won **2 tied** matches (maximum).
 - **Kolkata Knight Riders** has won 25% of the matches between 2008 and 2017 whose outcomes were determined by DL Method.
 - **Mumbai Indians** has recorded the biggest win so far – **by 146 runs in 2017**. When considering a **win by 100+ runs**, **RCB** has the **mode** to its name (**Three wins by a 100+ runs margin in 2013, 2015 and 2016**).
 - **Royal Challengers Bangalore** is the only team that has recorded **10 wicket wins** twice between 2008 and 2017.
- Players
 - **Chris Gayle** has won the most player of the match awards - **18 times** between 2008 and 2017!
 - **SK Raina** has overall the most runs in IPL between 2008 and 2017 - **4548 runs**.
 - **V Kohli** has the record of most runs in a single season - **973 runs in 2016 season**.
 - **CH Gayle** (2011 & 2012) and **DA Warner** (2015 & 2017) have won the **Orange Cap** twice!
 - **G Gambhir** has hit most fours in IPL editions between 2008 and 2017 – **484 fours**.
 - **DA Warner** has hit the maximum fours in a single season – **88 fours**.
 - **CH Gayle** has hit the maximum sixes in IPL edition between 2008 and 2017 – **266 sixes**.
 - **CH Gayle** also holds the record for hitting maximum number of sixes in a single IPL edition - **59 sixes in IPL 2012**.
 - **SL Malinga** holds the record for maximum number of wickets in IPL editions between 2008 and 2017 - **154 wickets!**
 - **DJ Bravo** is the only player to take **30+ wickets in a single season**.
 - **SL Malinga** has bowled the maximum number of wides between 2008 and 2017 - **120 wides!**
 - **DW Steyn** has the record for bowling the maximum number of wides in a single season – **28 wides in IPL 2010**.
 - **KD Kartik** has the record for the highest number of catches in the 10 seasons - **88 catches**.
 - **Harbhajan Singh** has the record for the most 'caught and bowled' - **10** in IPL seasons between 2008 and 2017

- Umpire/Venue
 - **HDPK Dharmasena (87)** and **S Ravi (85)** have made the maximum number of IPL match appearances as umpires.
 - **M Chinnaswamy Stadium** in Bengaluru has hosted the maximum number of matches in all the 10 IPL editions – **66 matches**
 - **Mumbai** has hosted the maximum number of IPL matches between 2008 and 2017 – **85 matches**