**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 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**