**Data Exploration & Data Preparation**

**IPL Analysis**

The **Indian Premier League** (**IPL**), is a professional [**Twenty20 cricket**](https://en.wikipedia.org/wiki/Twenty20_cricket)league in [India](https://en.wikipedia.org/wiki/India) contested during April and May of every year by teams representing Indian cities.

Eight city-based franchises compete with each other over 6 weeks to find the winner.

**Data set:** matches.csv

All Indian Premier League Cricket matches between 2008 and 2017.

Information on all matches plays between different teams. It has a match by match detail, which teams played it, when was it played, who won, by how many runs or wickets, where was it played, etc.

**What insights can be drawn from the data?**

**Answer the below questions:**

* + - What is the total number of matches played and the total number of seasons?
    - [Which Team had won by maximum runs?](https://www.kaggle.com/ushasri/beginning-r-data-analysis-ipl-dataset#which-team-had-won-by-maximum-runs)
    - [Which Team(s) had won by maximum wicket?](https://www.kaggle.com/ushasri/beginning-r-data-analysis-ipl-dataset#which-teams-had-won-by-maximum-wicket)
    - Which season had most number of matches?
    - [Which IPL Team is more successful?](https://www.kaggle.com/ushasri/beginning-r-data-analysis-ipl-dataset#which-ipl-team-is-more-successful)
    - Find out count of matches played at each city
    - Find the match results of the season 2017

Find the missing values in the dataset and treat them.