Data Overview

# **Problem Statement: -**

The task at hand is to utilize SQL queries to extract insights from the provided data. Furthermore, based on the results obtained from the queries, it is required to present observations and conclusions.

# **Data Description: -**

The provided data consists of 12 tables and includes a conceptual entity relationship diagram. It encompasses information related to all matches, players, bids, and other pertinent details for the 2017 and 2018 seasons of the Indian Premier League (IPL), which is a professional Twenty20 cricket league in India comprising teams from various cities and states across the country.

# **Data Dictionary: -**

* "IPL Stadium" table: includes data on all the stadiums, with a total of 6 columns.
* "IPL Team" table: contains team names and their city of origin, with 4 columns.
* "IPL Player" table: includes player names and their performance details, with 4
* columns.
* "IPL Team Player" table: provides information on players and their respective roles in
* their teams.
* "IPL Tournament" table: has information on all tournaments, including the number of
* participating teams, total matches, and duration of the tournament.
* "IPL Match" table: contains match-related data, including the participating teams and
* the match winner, with 7 columns.
* "IPL Match Schedule" table: includes total match fixtures, venues, dates, and times of
* the tournament, with 9 columns.
* "IPL Bidder Details" table: contains details of all users who registered as bidders on
* the platform, with a total of 5 columns.
* "IPL Bidding Details" table: includes bidding details such as the number of bids, total
* points, and tournament ID.
* "IPL Team Standings" table: contains the performance of each team in every
* tournament.