

SQL PROJECT

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The IPL tournament dataset file contains two tables one with unique data for all matches and another with record of each delivery for each matches.

It contains such columns like season, date, players of match, team1, team2, over, ball, total runs, venue etc.



WHAT ARE THE TOP 5 PLAYERS WITH THE MOST PLAYER OF THE MATCH AWARDS?







HOW MANY MATCHES WERE WON BY EACH TEAM IN EACH SEASON?





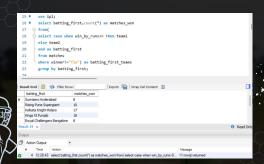
WHAT IS THE AVERAGE STRIKE RATE OF BATSMEN IN THE IPL DATASET?

```
use ipl;
          select avg(strike rate) as average strike rate
      ⊕ from(
          select batsman,(sum(total runs)/count(ball))*100 as strike rate
        from deliveries group by batsman)as batsman_stats;
                                              Export: Wrap Cell Content: TA
    average_strike_rate

 150,45947105

Result 13 x
                 select avolstrike rate) as average strike rate from select batsman (sumtotal runs)... 1 row(s) returned
```

WHAT IS THE NUMBER OF MATCHES WON BY EACH TEAM BATTING FIRST VERSUS BATTING SECOND?



WHICH BATSMAN HAS THE HIGHEST STRIKE RATE

(MINIMUM 200 RUNS SCORED)? use ipl; select batsman,(sum(batsman runs)/count(*))*100 as strike rate from deliveries group by batsman having sum(batsman runs)>=200 order by strike rate desc limit 1: Export: Wrap Cell Content: TA Fetch rows: A Choudhar O Read Onl Message select batsman.(sum@atsman.runs)*100/count(")) as strike.rate from deliveries gro... 1 row(s) returned 8 12:37:16 select hatsman (sumhatsman nuns)/count("ii"100 as strike rate from deliveries on 1 mw/s) returned

WHAT IS THE AVERAGE PERCENTAGE OF BOUNDARIES (FOURS AND SIXES COMBINED) HIT BY EACH BATSMAN?





HOW MANY TIMES DID EACH TEAM WIN THE TOSS IN EACH SEASON?

```
use ipl;
 88 •
         select season.toss winner.count(*) as toss wins
 89
         from matches group by season, toss winner;
 90
 91
Export: Wrap Cell Content: IA
   season
          toss_winner
                                  toss_wins
   2017
          Royal Challengers Bangalore
          Rising Pune Supergiant
   2017
   2017
          Kolkata Knight Riders
   2017
          Kings XI Punjab
   2017
          Sunrisers Hyderabad
   2017
          Mumbai Indians
Result 9 ×
```

HOW MANY MATCHES DID EACH PLAYER WIN THE "PLAYER OF THE MATCH" AWARD?

```
use ipl:
98 .
       select player of match, count(*) as total wins
99
       from matches
100
       where player of match is not null
101
      group by player of match
102
      order by total wins desc;
                                    Export: Wrap Cell Content: IA
player_of_match total_wins
  YK Pathan
  SF March
  SR Watson
  MS Dhoni
  RA Stokes
  NM Coulter-Nile
                                                                                         Read Only
```

WHAT IS THE AVERAGE NUMBER OF RUNS SCORED IN EACH OVER OF THE INNINGS IN EACH MATCH?

