

IPL

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Due date: February 24, 2019, 11:55pm IST

1 Project Description

Entity	Attributes
team	team_id, team_name
player	player_id, player_name, dob, batting_hand, bowling_skill, country_name
venue	venue_id, venue_name, city_name, country_name
match	match_id, team1, team2, match_date, season_year, venue_id, toss_winner, match_winner, toss_name, win_type, outcome_type, manofmatch, win_margin
player_match	match_id, player_id, role_desc, player_team
team_match	match_id, innings_no, team_batting, team_bowling
ball	match_id, over_id, ball_id, innings_no, striker_batting_position, extra_type, runs_scored, extra_runs, out_type, striker, non_striker, bowler, player_out, fielder
login	uname, password

Table 1: List of Entities and Attributes

2 Data Sources and Statistics

We downloaded our dataset from <https://www.kaggle.com/raghu07/ipl-data-till-2017>. The data was available in .csv format. So we directly downloaded it and analyzed it using MS Excel. The data was structured but it was not clean.

Table	No. of Tuples	Raw Dataset Size	Cleaned Dataset Size	Dataset size in DB	Time to Load
team	13	343B	306B	8KB	7.8200ms
player	497	33.8KB	32KB	48KB	10.008ms
venue	34	-	1.59KB	8KB	7.234ms
match	637	110.7KB	83.1KB	104KB	21.351ms
player_match	13992	2.54MB	516KB	928KB	308.595ms
team_match	1284	-	18KB	80KB	31.145ms
ball	150451	23.94MB	8.89MB	15.39MB	4733.687ms
login	13	-	-	8KB	-

Table 2: Data Statistics

3 Functionality and Working

Ant hello
ckewfhw;env

Elephant hello