Batch 3B

Assessment 3

Indian Premier League

Data Source: data.word

Difficulty level: Hard

Dead Line: 3rd June 2018

Content:

You are provided with IPL data set until 2016. Data set contain multiple file with the following columns:

File 1: Ball_by_Ball.csv

- match_id - Unique Number Which Identifies a match
- over_id - Unique Number which Identifies an over in an Innings
- ball_id - Unique Number which Identifies a ball in an over
- innings_no - Unique Number which Identifies an innings in a match
- team_batting - Unique Number which Identifies Batting team in a match
- team_bowling - Unique Number which Identifies Bowling team in a match
- striker_batting_position - Unique Number which Identifies the position in which player came into bat
- striker - Unique Number which Identifies the player who is on strike for that particular ball
- non_striker - Unique Number which Identifies the player who is Non-striker for that particular ball
- bowler - Unique Number which Identifies the player who is Bowling that particular ball

File 2: Batsman_Scored.csv • match_id • over_id • ball_id • runs_scored - Number of Runs scored by the batsman • innings_no	File 3: Batting_Style.csv • batting_id - Unique Number • batting_hand	File 4: Bowling_Style.csv • bowling_id • bowling_skill
File 5: City.csv • city_id • city_name • country_id	File 6: Country.csv • country_id • country_name	File 7: Extra_Runs.csv • match_id • over_id • ball_id • extra_type_id • extra_runs • innings_no

File 8: Extra_Type.csv • extra_id • extra_name	File 9: Match.csv • match_id • team_1 • team_2 • match_date • season_id • venue_id • toss_winner • toss_decide • win_type • win_margin • outcome_type • match_winner • man_of_the_match	File 10: Out_Type.csv • out_id • out_name
File 11: Outcome.csv • outcome_id • outcome_type	File 12: Player.csv • player_id • player_name • dob • batting_hand • bowling_skill • country_name	File 13: Player_Match.csv • match_id • player_id • role_id • team_id
File 14: Rolee.csv • role_id • role_desc	File 15: Season.csv • season_id • man_of_the_series • orange_cap • purple_cap • season_year	File 16: Team.csv • team_id • team_name
File 17: Toss_Decision.csv • toss_id • toss_name	File 18: Umpire.csv • umpire_id • umpire_name • umpire_country	File 19: Venue.csv • venue_id • venue_name • city_id
File 20: Wicket_Taken.csv • match_id • over_id • ball_id • player_out • kind_out • fielders • innings_no	File 21: Win_By.csv • win_id • win_type	

The Task

Your task is to design a dashboard containing:

1) Over all Top N Batsman:
    a. based on Runs scored
    b. based on Batting Average
    c. based on batting strike rate
    d. based on Highest Score
2) Season wise
    a. Orange Cap holder – Batsman scored max runs in a given session
    b. Purple Cap holder
3) Total Number of :
    a. Matches
    b. Wickets
    c. 6s
    d. 4s
4) Team wise count of title win.

TEAM:

Team1	Team2	Team3	Team4	Team5
Abdul	Krishna	Hardik	Vijay	Haripriya
Kathik	Gautam	Kovida	Nitin	Prakash
Punay	Raghu	Varun	Shashank	Shivani
Shreya	Sujit	Suraj	Sushmitha	Vaibhav
Vanaja	Vijay	Suhail	Ipsit	Ganeshwar
Harish	Pushyami	Ashok	Nikhil	Bharat
Shivaram				Manish