Information about the dataset and its attributes

Matches Dataset :

1. **id**:
   * **Description**: A unique identifier for each match.
   * **Example**: 335982
2. **season**:
   * **Description**: The cricket season during which the match took place, typically represented by the year or years.
   * **Example**: 2007/08
3. **city**:
   * **Description**: The city where the match was held.
   * **Example**: Bangalore
4. **date**:
   * **Description**: The date on which the match was played, usually in the format DD/MM/YYYY.
   * **Example**: 18/04/2008
5. **match\_type**:
   * **Description**: The type of the match, indicating the stage or nature of the match within the tournament (e.g., League, Playoffs, Final).
   * **Example**: League
6. **player\_of\_match**:
   * **Description**: The player who was awarded the 'Player of the Match' title for their outstanding performance.
   * **Example**: BB McCullum
7. **venue**:
   * **Description**: The stadium where the match was played.
   * **Example**: M Chinnaswamy Stadium
8. **team1**:
   * **Description**: The name of the first team participating in the match. In a match listing, this can be arbitrary or follow the schedule.
   * **Example**: Royal Challengers Bangalore
9. **team2**:
   * **Description**: The name of the second team participating in the match.
   * **Example**: Kolkata Knight Riders
10. **toss\_winner**:

* **Description**: The team that won the coin toss at the beginning of the match, giving them the choice to bat or field first.
* **Example**: Royal Challengers Bangalore

1. **toss\_decision**:

* **Description**: The decision made by the toss-winning team, either to bat first or to field first.
* **Example**: field

1. **winner**:

* **Description**: The team that won the match.
* **Example**: Kolkata Knight Riders

1. **result**:

* **Description**: The result of the match, specifying how the match was won (e.g., by runs, by wickets).
* **Example**: runs

1. **result\_margin**:

* **Description**: The margin by which the match was won, indicating the difference in runs or the number of wickets remaining.
* **Example**: 140 (runs)

1. **target\_runs**:

* **Description**: The number of runs set as the target for the chasing team. This is only applicable if the match result is based on chasing a target.
* **Example**: 223

1. **target\_overs**:

* **Description**: The number of overs allocated for the target runs. In T20 matches, this is typically 20 overs.
* **Example**: 20

1. **super\_over**:

* **Description**: Indicates if a super over was played to decide the winner (Y for Yes, N for No). A super over is used in cases where the match ends in a tie.
* **Example**: N

1. **method**:

* **Description**: The method used to decide the result in case of rain or other interruptions (e.g., D/L for Duckworth-Lewis method). This column is often filled with 'NA' if no special method was used.
* **Example**: NA

1. **umpire1**:

* **Description**: The name of the first umpire officiating the match.
* **Example**: Asad Rauf

1. **umpire2**:

* **Description**: The name of the second umpire officiating the match.
* **Example**: RE Koertzen

Deliveries dataset:

1. **match\_id**:

* **Description**: A unique identifier for each match. It is the same for all events in a single match.
* **Example**: 335982

1. **inning**:

* **Description**: The current inning of the match. Typically, a cricket match has two innings per team in Test matches and one inning per team in One Day and T20 matches.
* **Example**: 1

1. **batting\_team**:

* **Description**: The team that is currently batting.
* **Example**: Kolkata Knight Riders

1. **bowling\_team**:

* **Description**: The team that is currently bowling.
* **Example**: Royal Challengers Bangalore

1. **over**:

* **Description**: The current over in the match. Each over consists of six legal deliveries (balls).
* **Example**: 0

1. **ball**:

* **Description**: The delivery number within the over. This ranges from 1 to 6 for legal deliveries.
* **Example**: 1

1. **batter**:

* **Description**: The name of the batsman facing the ball.
* **Example**: SC Ganguly

1. **bowler**:

* **Description**: The name of the bowler delivering the ball.
* **Example**: P Kumar

1. **non\_striker**:

* **Description**: The name of the batsman at the non-striker's end.
* **Example**: BB McCullum

1. **batsman\_runs**:

* **Description**: The number of runs scored by the batsman on this delivery.
* **Example**: 0

1. **extra\_runs**:

* **Description**: The number of extra runs awarded on this delivery. Extras can be wides, no-balls, byes, or leg-byes.
* **Example**: 1

1. **total\_runs**:

* **Description**: The total number of runs scored on this delivery, including batsman's runs and extras.
* **Example**: 1

1. **extras\_type**:

* **Description**: The type of extra run awarded. It can be 'byes', 'legbyes', 'wides', 'noballs', or null if there are no extras.
* **Example**: legbyes

1. **is\_wicket**:

* **Description**: Indicates if a wicket fell on this delivery (1 if true, 0 if false).
* **Example**: 0

1. **player\_dismissed**:

* **Description**: The name of the player dismissed on this delivery, if any.
* **Example**: NA (Not applicable)

1. **dismissal\_kind**:

* **Description**: The method of dismissal (e.g., bowled, caught, run out, lbw).
* **Example**: NA (Not applicable)

 **fielder**:

**Description**: The name of the fielder