**Players.xlsx**

|  |  |
| --- | --- |
| Column name | Type |
| Player\_id | int |
| Player\_name | varchar |
| Dob | Date |
| Batting\_hand | varchar |
| Bowling\_skills | varchar |
| country | varchar |

**Teams**

|  |  |
| --- | --- |
| Column name | Type |
| Team\_id | int |
| Team | varchar |

**deliveries.csv**

|  |  |
| --- | --- |
| Column name | Type |
| match\_id | int |
| Inning | Int |
| Batting\_team | Varchar |
| Bowling\_team | Varchar |
| Over | Int |
| Ball | Int |
| batsman | varchar |
| Non\_striker | Varchar |
| Bowler | varchar |
| Is\_super\_over | Int |
| Wide\_runs | Int |
| Bye\_runs | Int |
| Legbye\_runs | Int |
| Noball\_runs | Int |
| Penalty\_runs | Int |
| Batsman\_runs | Int |
| Extra\_runs | Int |
| Player\_dismissed | varchar |
| fielder | varchar |

**matches.csv**

|  |  |
| --- | --- |
| Column name | Type |
| Id | int |
| Season | varchar |
| City | varchar |
| Date | date |
| Team1 | varchar |
| Team2 | varchar |
| Toss\_winner | varchar |
| Toss\_decision | varchar |
| Result | varchar |
| Winner | varchar |
| Win\_by\_runs | int |
| Win\_by\_\_wickets | int |
| Player\_of\_match | varchar |
| Umpire1 | varchar |
| Umpire2 | varchar |
| Umpire3 | varchar |

**most runs,average,strikerate**

|  |  |
| --- | --- |
| Column name | Type |
| Player\_id | int |
| batsman | Varchar |
| total\_runs | int |
| out | int |
| numberofballs | int |
| average | float |
| strikerate | float |

Objective is to provide information on fingertips to prospect the leaders,coaches, owners to anaylze the best practices

What are the use of this information?

* To analyze the performance of each team and each player individually
* To improve the performance in upcoming matches
* To provide details of the tournament
* Saving the time in mining relevant useful information

**Most Fifties**

Select f.batsman , count(f.fifty) FROM

(Select match\_id,batsman,(sum(batsman\_runs)>49 and sum(batsman\_runs)<100,sum(batsman\_runs)) as fifty from deliveries

where wide\_runs=0 and legbye\_runs=0 and bye\_runs=0 and inning<3

group by match\_id,batsman

order by fifty DESC) as f

group by f.batsman

order by count(f.fifty) DESC

Limit 10;

**Most hundreds**

Select f.batsman , count(f.fifty) FROM

(Select match\_id,batsman,case when (sum(batsman\_runs)>100 and sum(batsman\_runs)<200) then sum(batsman\_runs) end as fifty

from deliveries

where wide\_runs=0 and legbye\_runs=0 and bye\_runs=0 and inning<3

group by match\_id,batsman

order by fifty DESC) as f

group by f.batsman

order by count(f.fifty) DESC

Limit 10;

**Most Man of the match award**

Select player\_of\_match, count(player\_of\_match) as most

from matches

group by player\_of\_match

order by most desc;

**Teams**

Select DISTINCT team1

from matches;