* Steps to do after uploading CSV Files in power Bi Desktop:

1. First connect the CSV Files in power bi and open it in power query.
2. In player info players, in name column, there were duplicate names which then were removed .
3. In same column, after name in some players there are (c) which defines that the player is the captain , so we need to remove them.
4. In text column, select extract, select text before delimeter and write a opening bracket [( ], in this we can remove the [ ( ].
5. In match summary table, we need to create a new column called stage.
6. To do that, go to add column, conditional column.
7. The logic behind is:

If date < 22 October 2022 → Qualify

else →Super 12

1. In bowling summary table we did some renaming of column names.
2. Now we want to know the total bowls which cant be known in overs column.
3. So first select the overs column, then select the split column, by delimeter.
4. Which will then create a new column named ‘Over 2’.
5. In over 2 column, replace null with 0.
6. Create a new custom column named balls.
7. In batting summary table also, we’ll do some renaming of some columns.
8. In out column, replace out with 1 and not out with 0.
9. Remove the [ ( ] in batsmen name column, as done in the previous time.
10. With this we are done with on transformation in power query for now.
11. Data modeling (Establishing relationship between tables):
12. Bowler name in bowling summary is name in player- info. (having a many to one relationship).
13. Batsman name in batting summary is name in player-info. (having a many to one relationship).
14. Creating DAX measures:
15. Create a table to store all the measures:
16. Total Runs :- Total number of runs scored by the batsmen.
17. Total inning Batted :- Total number of innings a batsman got a chance to bat.
18. Total innings dismissed:- to find the number of innings batsman got out.
19. Batting average:- average runs scored in an innings.
20. Total balls faced:- Total number of balls faced by the batsman.
21. Strike Rate:- Number of rows scored per 100 balls.
22. Batting position:- batting position of a player.
23. Boundary %:- percentage of boundaries scored by the batsman.
24. Average balls faced:- average balls faced by the batter in an innings.
25. Wickets:- total number of wickets taken by s bowler.
26. Balls bowled:- total number of balls bowled by the bowler.
27. Runs conceded:- total runs conceded by the bowler.
28. Bowling economy:- average number of runs conceded in an over.
29. Bowling Strike Rate:- number of balls bowled per wicket.
30. Bowling average:- number of runs allowed per wicket.
31. Total innings bowled:- total number of innings bowled by a bowler.
32. Dot Ball %:- percentage of fot balls bowled by a bowler.
33. Player selection:- to understand if a player is selected or not.
34. Display text: to display a text of no player is selected.
35. Color call-out value:- to display a value only when a player is selected.

* Creating Calculated Columns:

1. Boundary runs:- to find the total number of runs scored by hitting fours and sixes.
2. Boundary Runs Bowling:- to find the total number of runs conceded by bowler in boundaries.
3. Custom Batting Order:- to assign the batting order to potential final 11.