Analytics Case Study

1. Transform the Margin column in two columns. 1 for Runs and another one for wicket

2. Which country played the most ODIs in 2018

3. Top 3 countries who won the most ODIs

4, Based on the Ground, Map the country. Take the list from google

5. Which country played the most matches in home ground

6. How was the performance of Sri Lanka

7. What are the top 3 wins by Runs

8. Month in which most ODIs were played

9. Team which toured most foreign country

10. How many cricket matched were played every month

11. On which ground most games were played

12. Did India win mostly by chasing or playing first

13. Top 3 countries who won most matches in 2018, what was their winning % every month

14. Team which had lost most of the matches

15. Did this team loses the matches by chasing or playing first

16) Is winning of a team dependant on the playing ground?

Steps Taken

1. For Runs:
2. Applied filter->contains->runs or run
3. On the cell to be pasted, applied formula “=cell” and enter. Dragged and pasted all values. Remove filter.
4. To remove “runs” from the cell used the substitute function . Same for substituting run.
5. Then converted the text into number.

Same approach for wickets.

1. Creating one single row by pasting team 1 and above it team 2 and then using pivot table to find out the count of the number of matches played.
2. Created a pivot table and selected winner’s column and dragged it to count of section .
3. Since the google didn’t have dataset on cricket grounds and their respective countries (For which I would have then used VLookup) , I pasted the Ground column in another column named country , and using Google to find the country corresponding to ground, Used find and replace in the country column to replace all the ground places with their respective countries.
4. Used pivot tables and selected team 1 and country column and team2 and country column and calculated which country scored max.
5. Have evaluated the performance based on certain factors like win% by chasing ,playing,playing in native country or foreign country.
6. Created a pivot table by selecting

* Winner column
* Runs column

Then applied the formula

=large(range,n)

Here n is for 1st largest or 2nd largest third largest and so on.

1. In the base sheet created a column names month no. and with the command =month(date) we got the month number and created a pivot table and counted them.
2. Created one column of total countries(team 1 and team 2) and total countries ( pasted countries 2 times) and used pivot tables to subtract total tours-native tours).
3. Using the second point and finding the average by using the average function.
4. Making a pivot table of the ground column and using the count field.
5. Created pivot table by selecting winner,runs,wickets and by using count field.
6. Using pivot table, create count of won matches and lost matches.
7. Creating a column named Matches lost and then formula =if(team1=winner,team2,team1) (=IF(A2=C2,B2,A2)), and then by creating a pivot table.
8. By creating the pivot table of lost matches and runs and wickets and counting it.