



Cricket Data Analytics Dashboard

Problem Statement:

Try to find insights in the data based on the columns in the dataset. Find as many insights and prepare a presentable dashboard.

Data

The data set contains the data of the ODI matches from 2013 to mid of 2019. Following is the description of the dataset.

Batsmen_Data:

1. **Row ID**
2. **Bat1** – Score of the batsmen, DNB means that batsman has not participated in the match
3. **Runs** – Runs made in the match by the batsmen
4. **BF** – Balls Faced
5. **SR** – Strike rate
6. **4s** – No. of 4's
7. **6s** – No of 6's
8. **Opposition** – The opponent team the batsman played with
9. **Batsman** – Name of the batsman
10. **Ground** – The location of the cricket stadium
11. **Start Date** – The date on which the ODI was played
12. **MatchID** – unique id of the match
13. **Player ID** – Unique ID of the player

Bowlers_Data:

1. **Row id**
2. **Overs** – The Over bowled by the Person
3. **Mdns** – Maiden balls
4. **Runs** – Runs given
5. **Wkts** – Wickets taken
6. **Econ** – Economy
7. **Ave** – Average Ball Speed
8. **SR** – Strike rate
9. **Opposition** – The opponent team the Bowler played with
10. **Bowler** – Name of the Bowler
11. **Ground** – The location of the cricket stadium
12. **Start Date** – The date on which the ODI was played
13. **MatchID** – unique id of the match

ODI_Match_Results

1. **Irrelavant** – **You can remove the column**
2. **Result** – the result of the match – Won or lost or draw or Not played
3. **Margin** – The margin by which the team has won
4. **BR** – **Irrelavant you can remove the column**
5. **Toss** – Information on if the team won or lost the toss
6. **Opposition** – The opponent team the batsman played with
7. **Ground** – The location of the cricket stadium
8. **Start Date** – The date on which the ODI was played
9. **MatchID** – unique id of the match
10. **Country** – The main Country
11. **Country ID** – The Unique id Of the country

Instructions to work with the data:

You can use SQL or Snowflake to clean the data and Power Bi to create the final dashboard.

Thoroughly clean the data.

1. Check the data types.
2. Check for missing Values
3. Replace the missing values which you think is relevant.
4. Select the relevant features that you think are helpful to create the final dashboard.



Submission Criteria:

We expect you to submit a full-fledged Project reports

1. The final Project file – Power BI
2. The SQL/MySQL quires file That you have done the cleaning in
3. Final word/PPT file containing the following
 - a. Data flow through SQL and Snowflake
 - b. Data cleaning process
 - c. Your Observations/Insights/Conclusion of the Data
4. A brief video of the interactive final dashboard.