

FIFA WORLD CUP

- Context:

The FIFA World Cup is a global football competition contested by the various football-playing nations of the world. It is contested every four years and is the most prestigious and important trophy in the sport of football.

- Content:

FIFA WORLD CUP Data set contain 2 tables

1- Cup table ([link](#)) :

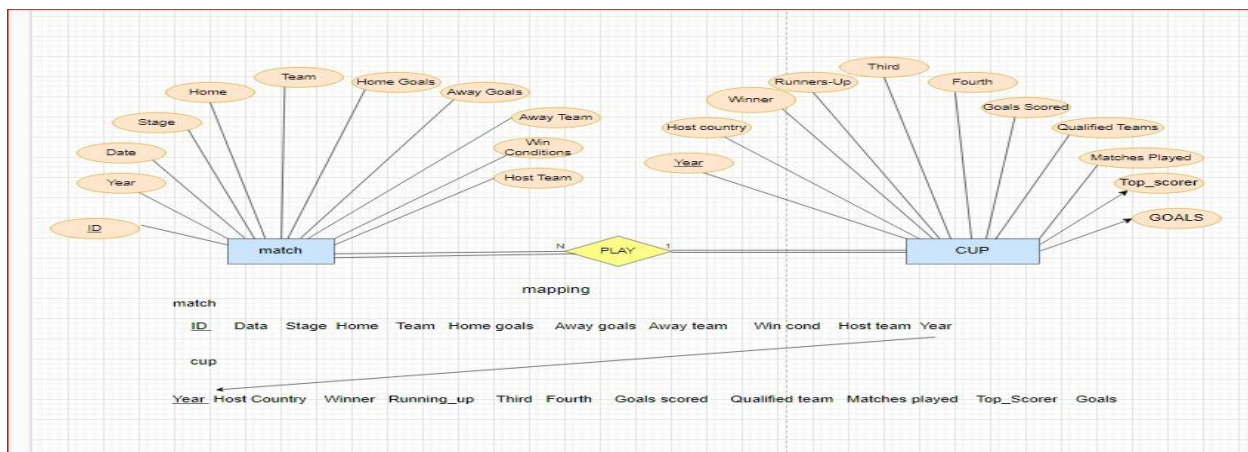
Columns (Year, Host Country, Winner, Runners-Up, Third, Fourth, Goals Scored, Qualified Teams, Matches Played, Top Scorer, Goals).

2-Matches table ([link](#))

Columns (ID, Year, Date, Stage, Home Team, Home Goals, Away Goals, Away Team, Win Conditions, Host Team).

And data dictionary table to describe all columns in dataset.

ERD :



- Insights:

We answered some questions

- 1- Which Countries Hosted the World Cup and Won?
- 2- which world cup has highest goals scored?
- 3- which country scored a highest goal outside home?
- 5- which Final match has a highest-goals scored?
- 6- Most Team Won The World Cups.
(The Most Teams Won The World Cups)?
- 7- Which Countries Achieve The Specific Position?
- 8- Who Win The Cup in That Year?
- 9- which countries won the world cup in 2000s?
- 10- Average Goals Scored In World Cups and Who Is The Country?
- 11- Which team has played the most matches in world cup history?
- 12- What is the highest number of goals scored by a player in a single tournament?
- 13- MOST SCORED MATCH.
- 14- Top 5 Countries Scored Goals.
- 15- number Of Goals For Team In Specific Stage.
- 16- Number Of Appearance Of The Team For Each Cup.
- 17- NUMBER OF MATCHES PLAYED BY TEAM.
- 18- Which Country Win and Which Country Host The specific Cup?
- 19- Prevent The Update in dataset(Trigger).
- 20- HIGHEST SCORE MATCH.
- 21- Top Country Won In a Specific Position?

- Tools and Technologies Used:

- SQL Server 2019

- Advanced SQL Queries:

- Functions:

- getwinner
- N_Matches_Year
- Position
- N_Matches
- GETDATA

- Stored Procedures:

- HostAndWin
- Final_Highest_Goal
- Most_Matches_Played
- HighGoalsCup
- Champ_Of_WC
- High_Goals_Player
- HighGoalsOut
- The_Winner
- Most_Scored_Match
- HighGoalsIn
- The_2000s_Winners
- Top5TeamsGoals
- Goal_Stage
- Top_Team

- Triggers (up_host)

- VIEW (H_A_Goals)

- Window functions (rank(), dense_rank ())

- CTE

- Subquires