

TASK 1

FOOTBALL WORLD CUP ANALYSIS



Data Description

- Year: Year of the World Cup.
- Datetime: Date and time of the match.
- Stage: Stage of the tournament (e.g., Group stage, Quarter-finals, etc.).
- Stadium City: City where the match was held.
- Home Team Name: Name of the home team.
- Home Team Goals: Goals scored by the home team.
- Away Team Goals: Goals scored by the away team.
- Away Team Name: Name of the away team.
- Win Conditions: Conditions under which the match was won (e.g., extra time, penalty shoot-out).
- Attendance: Number of spectators attending the match.
- Half-time Home Goal: Goals scored by the home team at half-time.
- Half-time Away Goals: Goals scored by the away team at half-time.
- Referee: Referee of the match.
- Assistant 1: First assistant referee.
- Assistant 2: Second assistant referee.
- Round ID: ID representing the round of the match.
- MatchID: Unique identifier for each match.
- Home Team Initials: Initials of the home team.
- Away Team Initials: Initials of the away team.

Data Description

World Cup Players Table

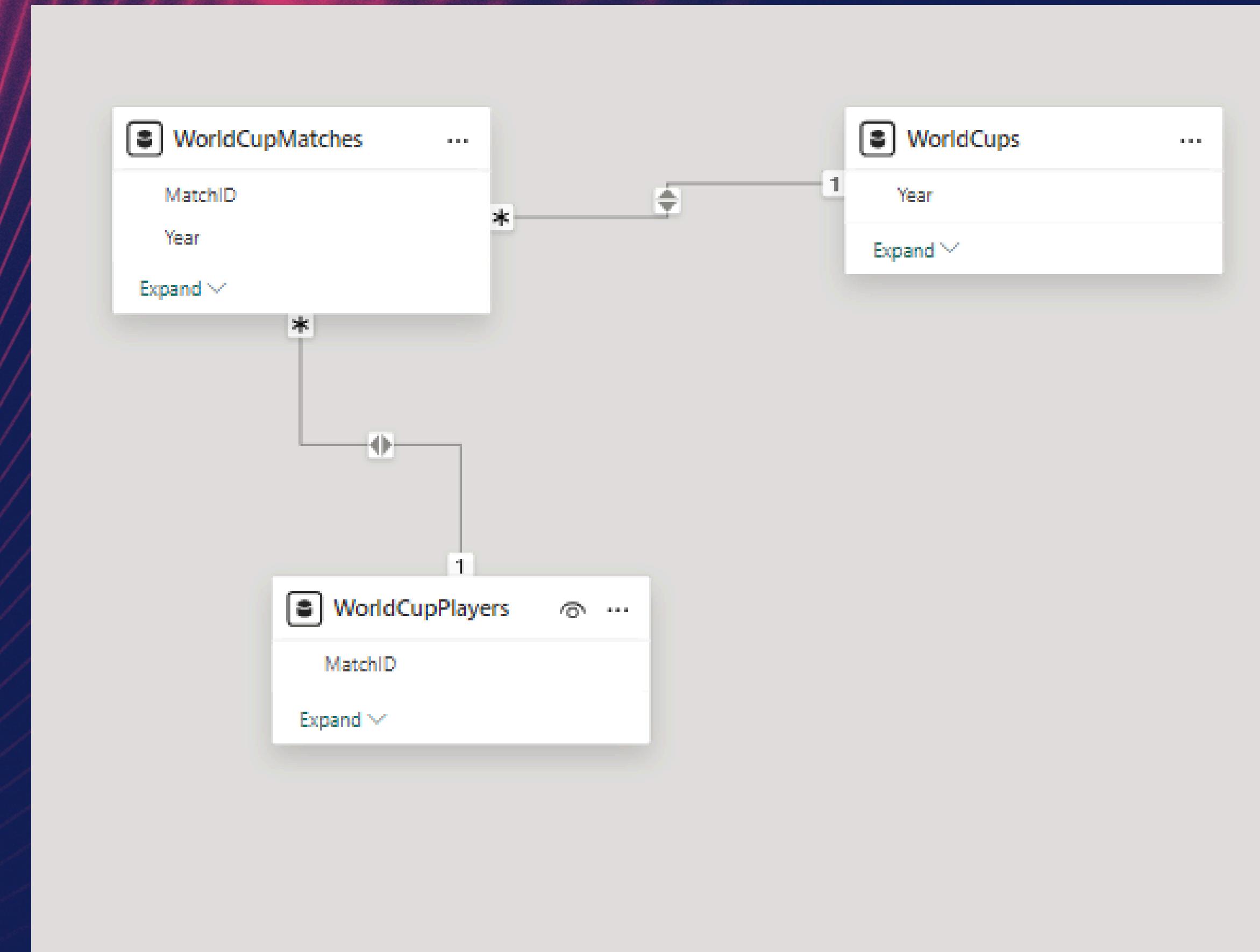
- RoundID: ID representing the round of the match.
- MatchID: Unique identifier for each match.
- Team Initials: Initials of the team.
- Coach Name: Name of the team's coach.
- Line-up: Whether the player was in the starting line-up or not.
- Shirt Number: Player's shirt number.
- PlayerName: Name of the player.
- Position: Player's position (e.g., forward, midfielder).
- Event: Events related to the player during the match (e.g., goals, yellow cards).

World Cups Table

Data Description

- Year: Year of the World Cup.
- Country: Host country of the World Cup.
- Winner: Winning team.
- Runner-up: Runner-up team.
- Third: Team finishing third.
- Fourth: Team finishing fourth.
- Goals Scored: Total goals scored in the tournament.
- Qualified Teams: Number of teams that qualified.
- Matches Played: Number of matches played.
- Attendance: Total attendance across all matches.

Model View



FIFA WORLD CUP OVERVIEW DASHBOARD

Total number of Home Team Goals

1525

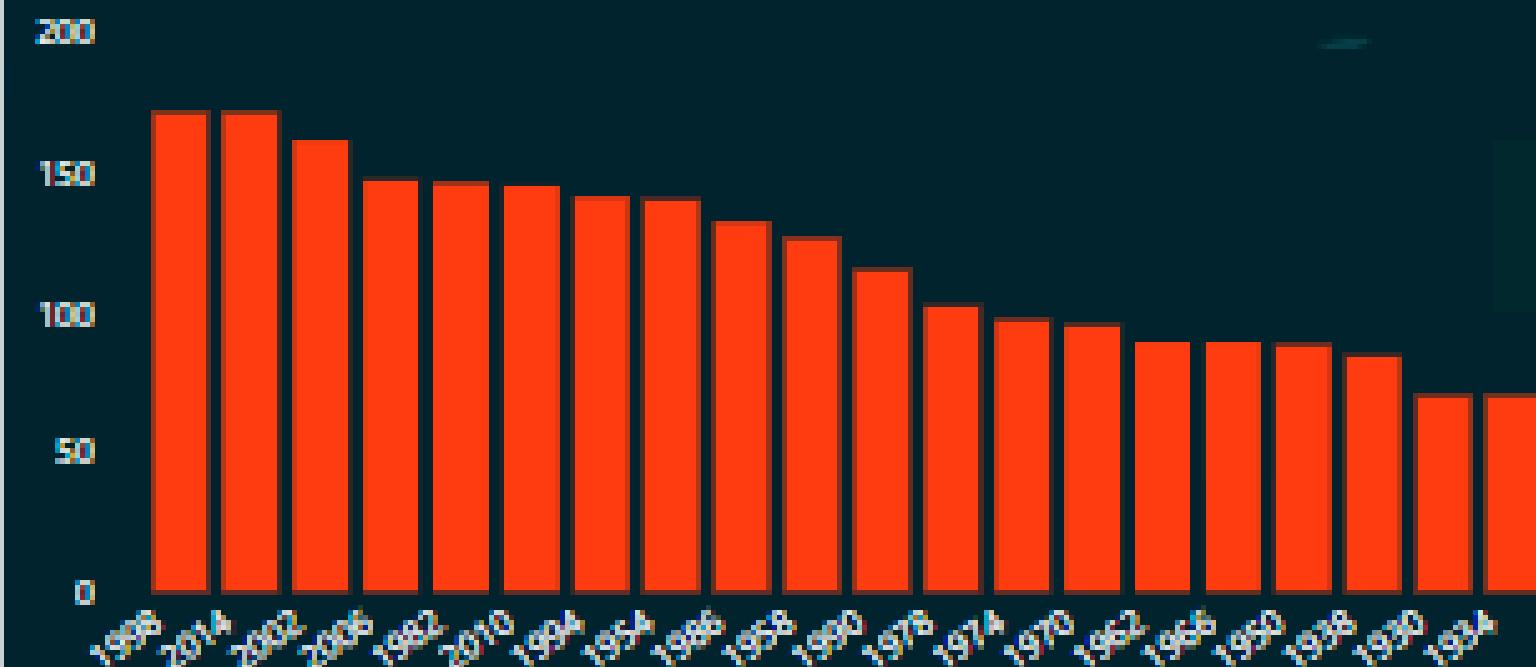
Total number of Goals

20

Total match played

836

Goals Scored by Year



Top Stadiums with More than 10 Matches

Estadio Azteca

Jalisco

Olympiastadion

Nou Camp - Estadio Léon

Year

All

Stage

All

Total Goals Scored in a Year (KPI)

81

Avg Goals per Match by Year

3

Match Results

Year	Home Team Name	Sum of Home Team Goals	Away Team
1930	Argentina	3	Chile
1930	Argentina	1	France
1930	Argentina	6	Mexico
1930	Argentina	6	USA
1930	Brazil	4	Bolivia
1930	Chile	1	France
1930	Chile	3	Mexico
1930	France	4	Mexico
1930	Paraguay	1	Belgium
Total		1525	

KEY INSIGHTS:--

- **Team Performances:** Identify which teams consistently score more goals and perform well as home or away teams.
- **Goal Trends:** Track the evolution of goal-scoring across different World Cup tournaments and stages, providing a historical overview.
- **Stage-Wise Analysis:** Understand how match dynamics (number of matches, goals scored, etc.) change as the tournament progresses to more advanced stages.
- **Tournament Overview:** Get a high-level view of World Cup tournaments over the years, focusing on key metrics like total goals scored and match outcomes.
- Can filter by year or stage.

TEAM PERFORMANCE DASHBOARD

Total Goals by Home Teams

1

Year

Year

All

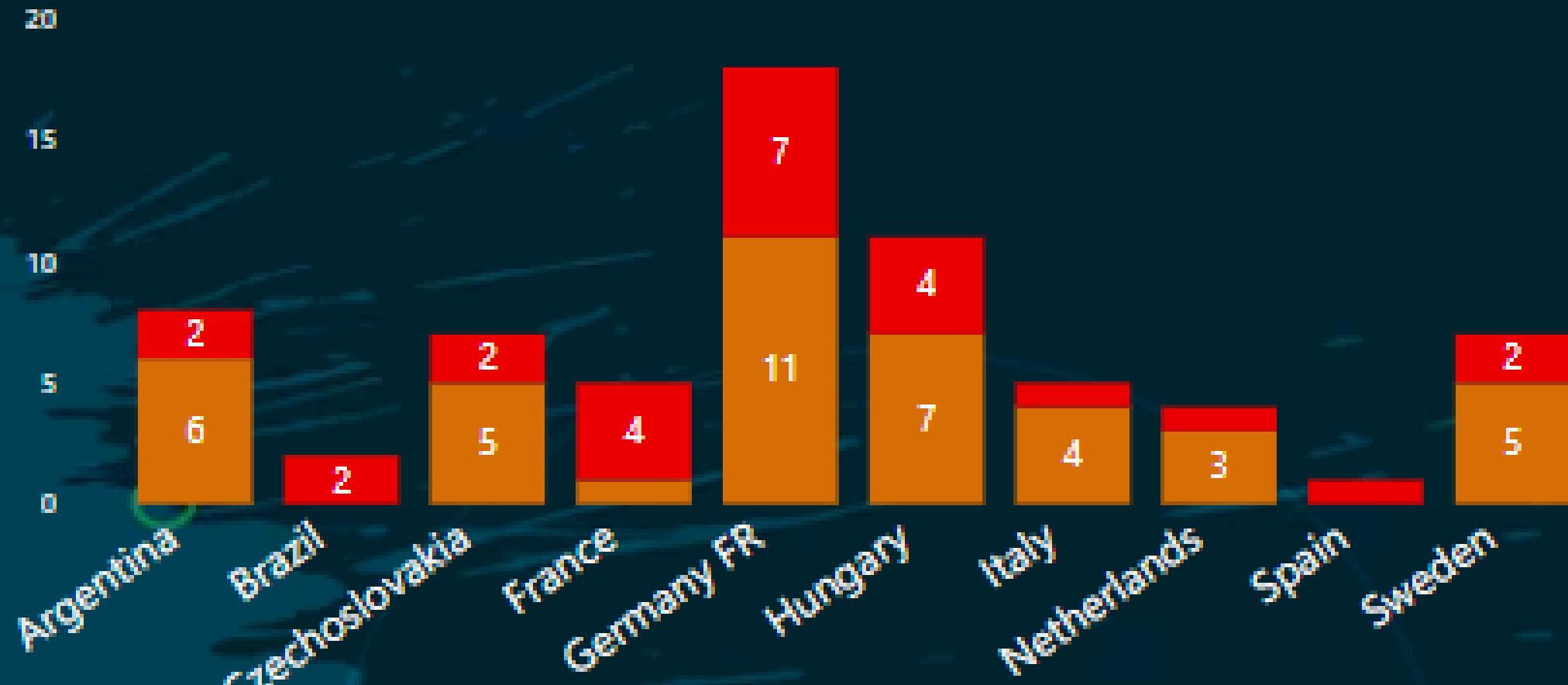
Stage

Stage

Final

Total Goals Scored by Team

● Sum of Home Team Goals ● Sum of Away Team Goals



Goals per Match Over the Years

● Sum of Away Team Goals ● Sum of Home Team Goals



Stadium Attendance Insights



KEY INSIGHTS:--

- **Team Performance:** This dashboard highlights the overall performance of teams in terms of wins, losses, and draws. It identifies consistent winners and teams that struggle, helping to determine patterns in international football dominance.
- **Top Scoring Teams:** The stacked column chart shows the most prolific teams in terms of goals scored, both home and away, providing insights into offensive strength.
- **Attendance Patterns:** The map offers an understanding of where World Cup matches attracted the largest audiences, linking crowd size to team performance and match significance.
- **Goal Trends:** The line chart provides an overview of how goal-scoring patterns have shifted over time, allowing for a historical analysis of offensive gameplay trends.
- **Home Team Performance:** The KPI highlights how home teams have fared in terms of goal-scoring over the years, identifying tournaments where home teams were particularly strong or weak.

Conclusion

The Team Performance Dashboard provides a focused analysis of how different teams have performed throughout FIFA World Cup history. It highlights win/loss records, top goal-scoring teams, and how teams have performed in both home and away matches. By incorporating data on team goals and match results, it identifies patterns in international football, revealing consistent winners and teams that dominate in specific stages of the tournament. The dashboard also offers insights into the geographical locations of matches and how attendance correlates with team performance.

On the other hand, the Overall FIFA World Cup Overview Dashboard offers a broader look at the tournament's history, analyzing goal trends, match outcomes, and attendance across different World Cups. It captures the evolution of goal-scoring patterns over the years and gives a high-level summary of how tournaments have unfolded, from the group stages to the finals. This dashboard is designed to give a comprehensive view of key tournament statistics, providing insights into how different stages of the competition impact match dynamics and goals.

Together, both dashboards offer a well-rounded understanding of the FIFA World Cup, from individual team performances to overarching tournament trends, helping users explore and analyze the rich history of the competition.



THANK YOU