

FIFA World Cup Analysis

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26TH FEBRUARY, 2024

INTRODUCTION

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. The championship has been awarded every four years since the inaugural tournament in 1930, except in 1942 and 1946, when it was cancelled because of the Second World War.

DATASET INFORMATION

The dataset consists of 3 tables –

1. World Cups - World Cups dataset shows all information about all the World Cups in history until 2014.

Year – The year in which the World Cup was held

Country – The country hosting the tournament

Winner ,Runner Up, Third, Fourth – The teams that finished in 1st, 2nd, 3rd and 4th places

Goals Scored – Total goals scored in that tournament

Qualified Teams – Number of teams contesting for the World Cup

Matches Played – Total matches played in the tournament

Attendance – Total number of spectators watching the match at the stadium

DATASET INFORMATION

2. Matches - Matches dataset shows all the results from the matches contested as part of the cups.

Date – Date and Time of the match

Stadium, City – Stadium and City where the match took place

Home/Away Team Name, Initials – Names and initials of the contesting teams

Home/Away Goals – Goals scored by the respective teams in that match

Win Conditions – Conditions of the match that led to victory (Extra Time, Penalty Shoot-out, etc.)

Attendance – Total spectators watching the match

3. Players - Players dataset shows all the players representing each team from the matches contested.

Team initials – Team which the player belongs to

Coach – Coach for the team

Player Name – Name of the Player

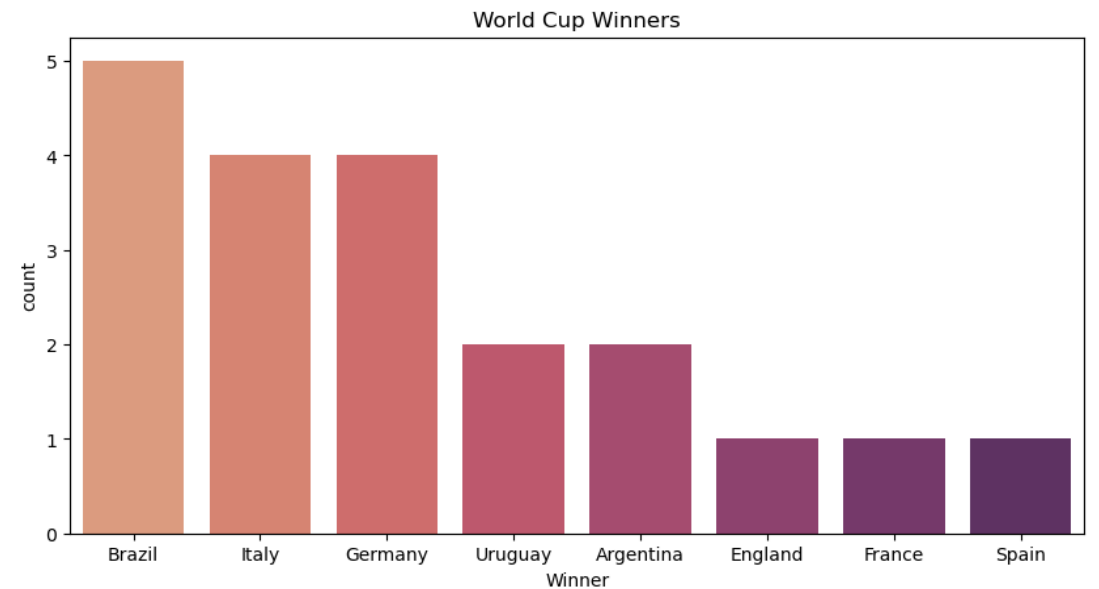
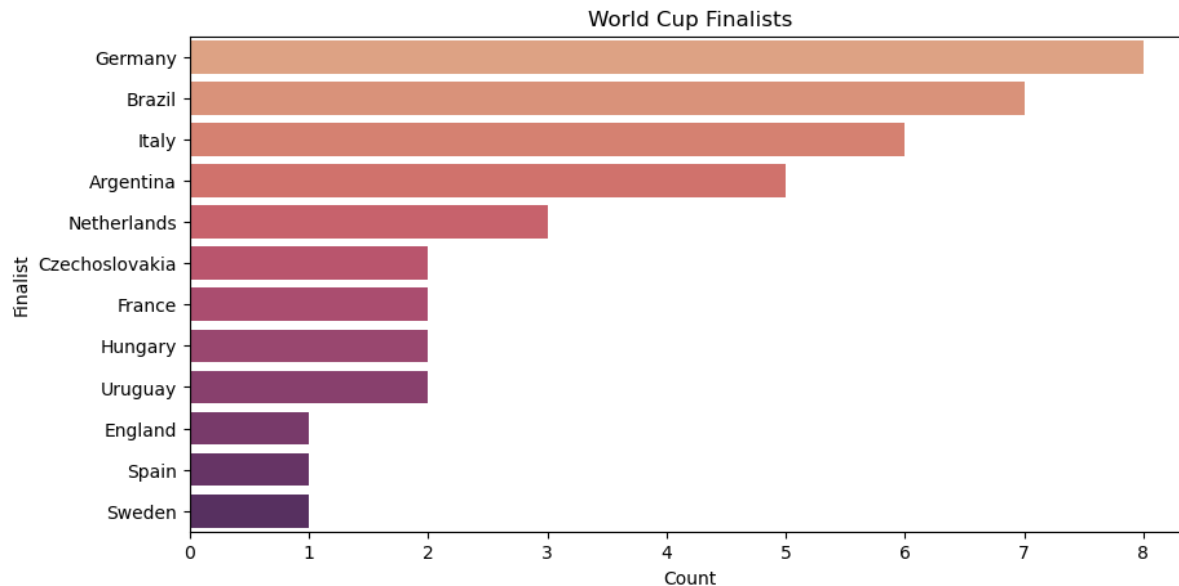
Event – Events and time of event that transpired during the match (Goal, Offside, Injury, Substitution, etc.)

KEY PERFORMANCE INDICATORS

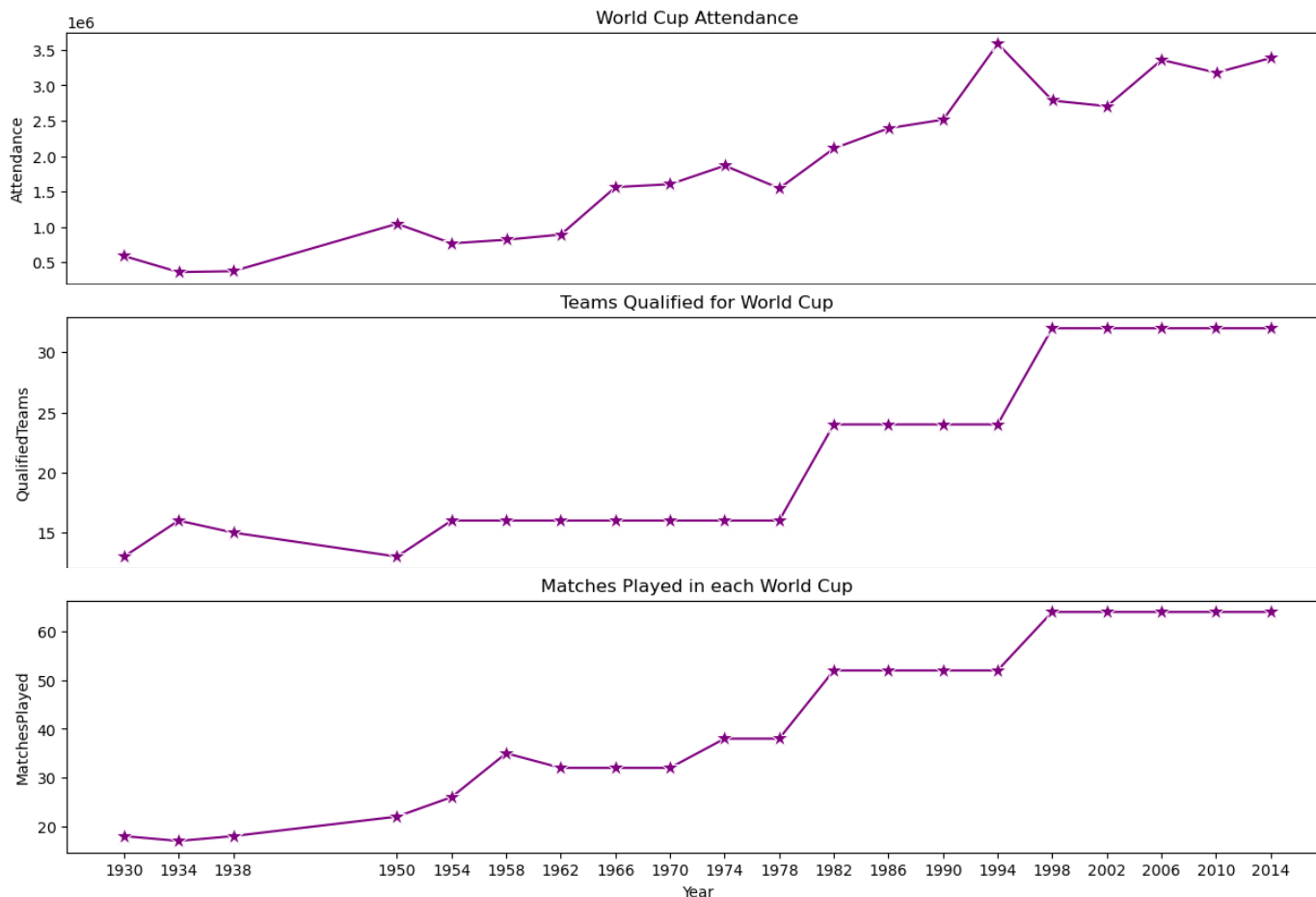
- Total number of countries that have participated in the FIFA World Cups
- Total number of matches in the World Cups
- Team with most World Cup wins
- Trends in Attendance, Qualified Teams, and Goals Scored
- Team with highest win-rate
- World Cup with the highest attendance
- Highest average attendance at stadiums
- Players with most Goals, Yellow cards, Red cards, and Offsides

DATA VISUALIZATIONS

- Germany made it to the Finals of the Tournament 8 times, more than any other team, followed by Brazil with 7 Finals appearances
- Brazil has won the World Cup most number of times – 5
- Italy and Germany follow closely with 4 wins each



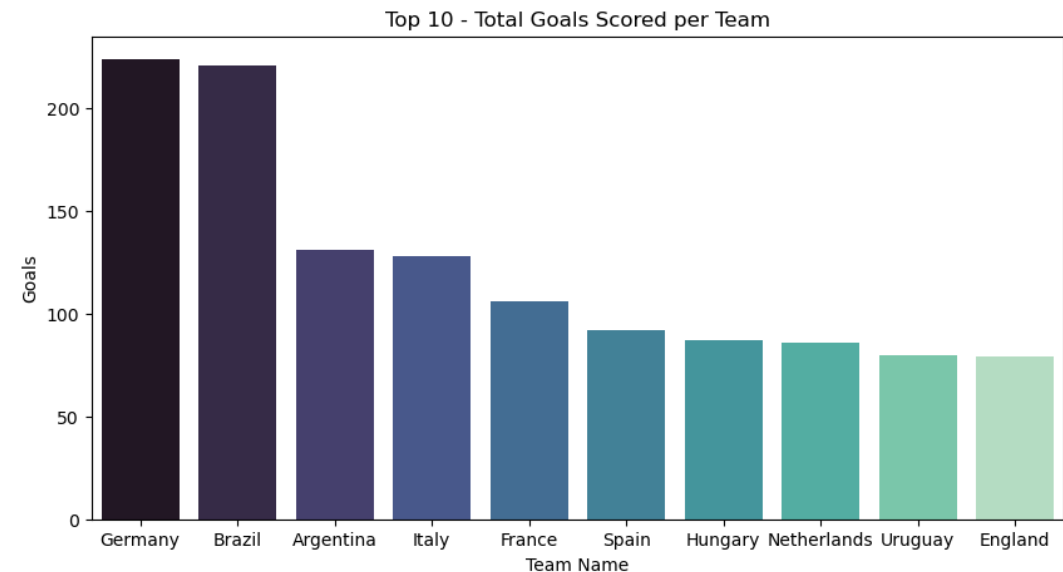
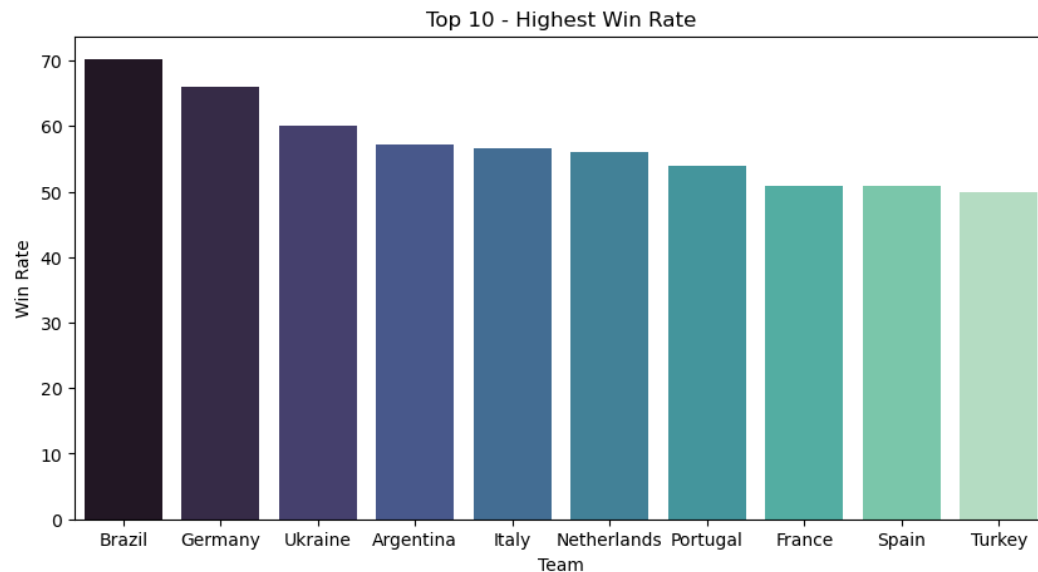
DATA VISUALIZATIONS



- Attendance, number of qualifying teams, and matches played in each world cup have increased gradually with each World Cup
- Attendance peaked in the 1994 World Cup, with over 3.5 million people attending
- The last 5 World Cups have had 32 qualifying teams, and over 60 matches each

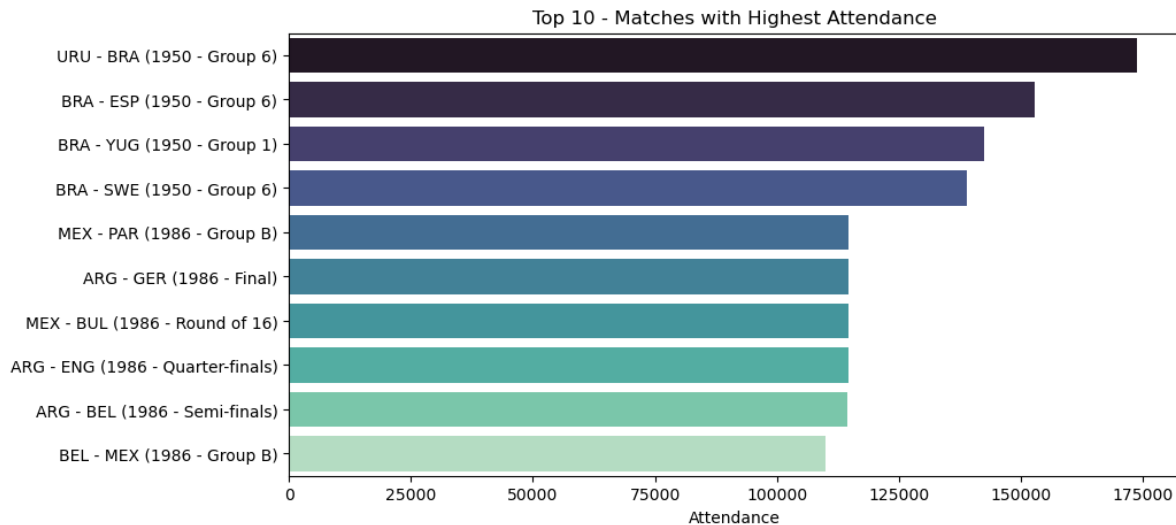
DATA VISUALIZATIONS

- Brazil has the highest win percentage, winning 70% of the matches participated
- Germany follow closely with just over 65%
- Germany have scored the highest number of total goals, followed by Brazil with a narrow margin

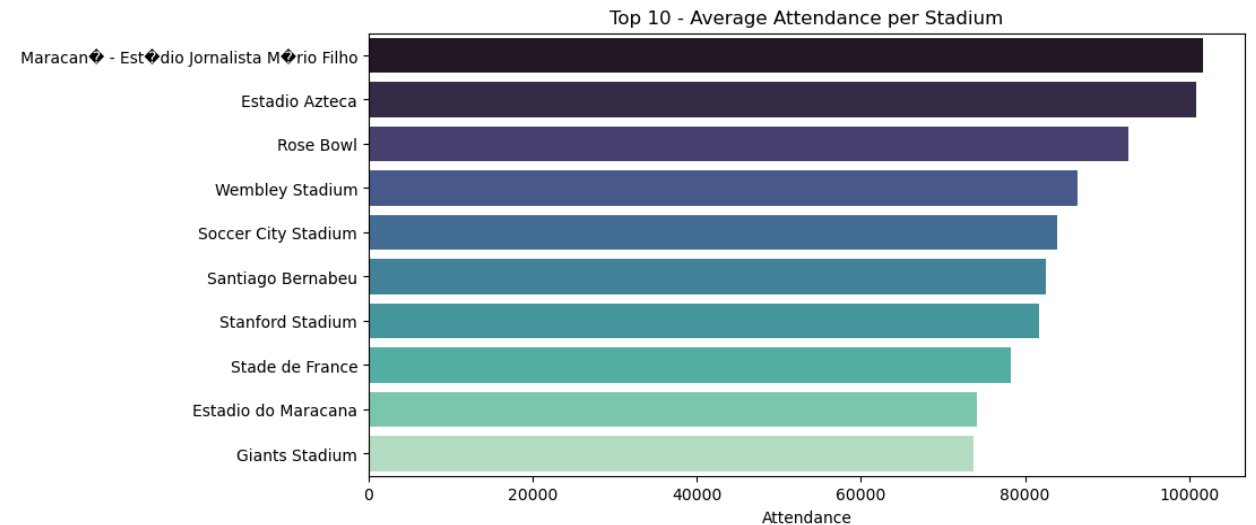


DATA VISUALIZATIONS

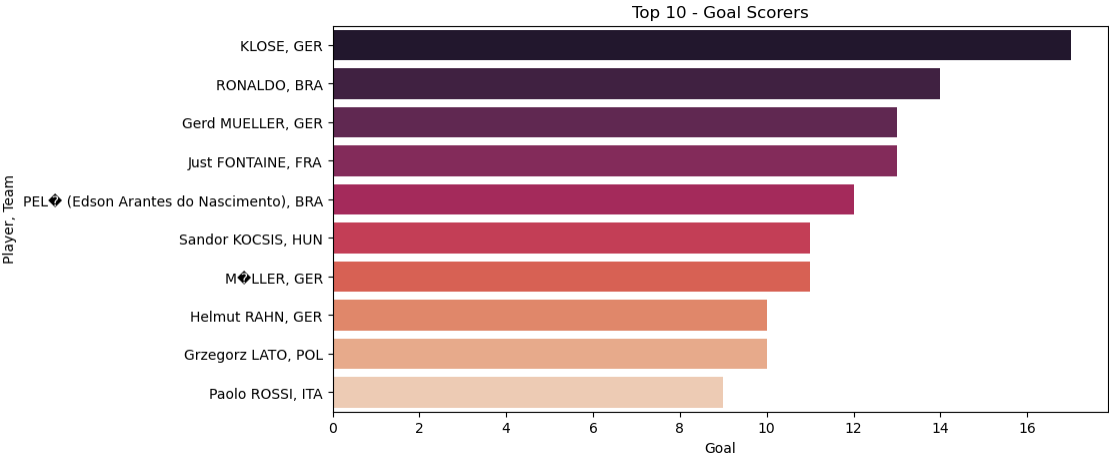
- The group rounds of the 1950 World Cup, played between Uruguay and Brazil has had the highest audience turn-out of all time, with over 175K attendees



- Maracan – Estadio Jornalista Morio Filho Stadium boasts the highest average audience turnout, followed by Estadio Azteca

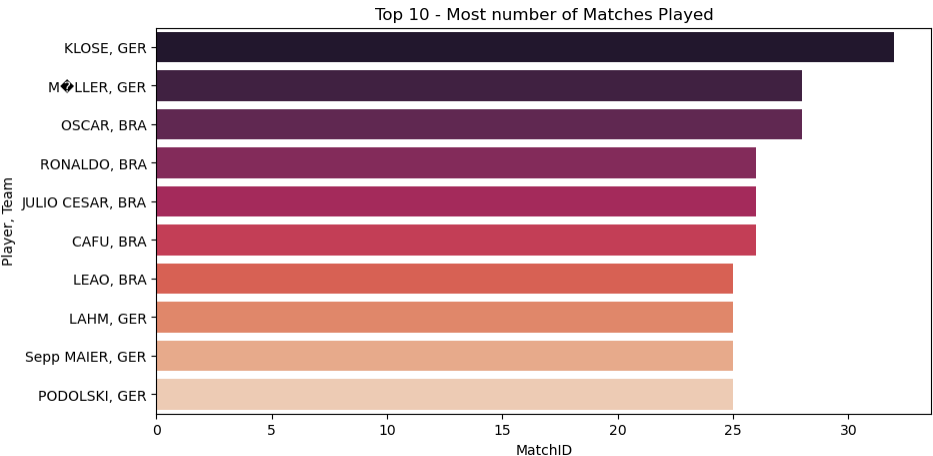


DATA VISUALIZATIONS



Klose, from Germany is the highest goal scorer, with 17 goals, in 32 matches

Brazil's Ronaldo is second highest, with 14 goals in 26 matches



Only German and Brazilian players occupy the top spots for most number of matches played
Klose, Germany, leads with 32 matches

KEY INSIGHTS

- Despite having more appearances in World Cup finals, Germany do not have the most World Cup Titles. Brazil lead the most number of titles with 5 World Cup wins.
- There has been a steady increase in the audience turnout at the World Cup matches since the inception of the tournament in 1930.
- Germany have the highest number of scored goals, but their win percentage falls just below Brazil's, who have the second highest number of goals.
- German and Brazilian players occupy the top spots for most number of matches played, and a majority of the spots for most number of goals scored. Both these categories are led by Germany's Klose
- Brazil's group matches at the 1950 World Cup occupy the top 4 spots for matches with the highest attendance.

Thank you

