FIFA World Cup Analysis

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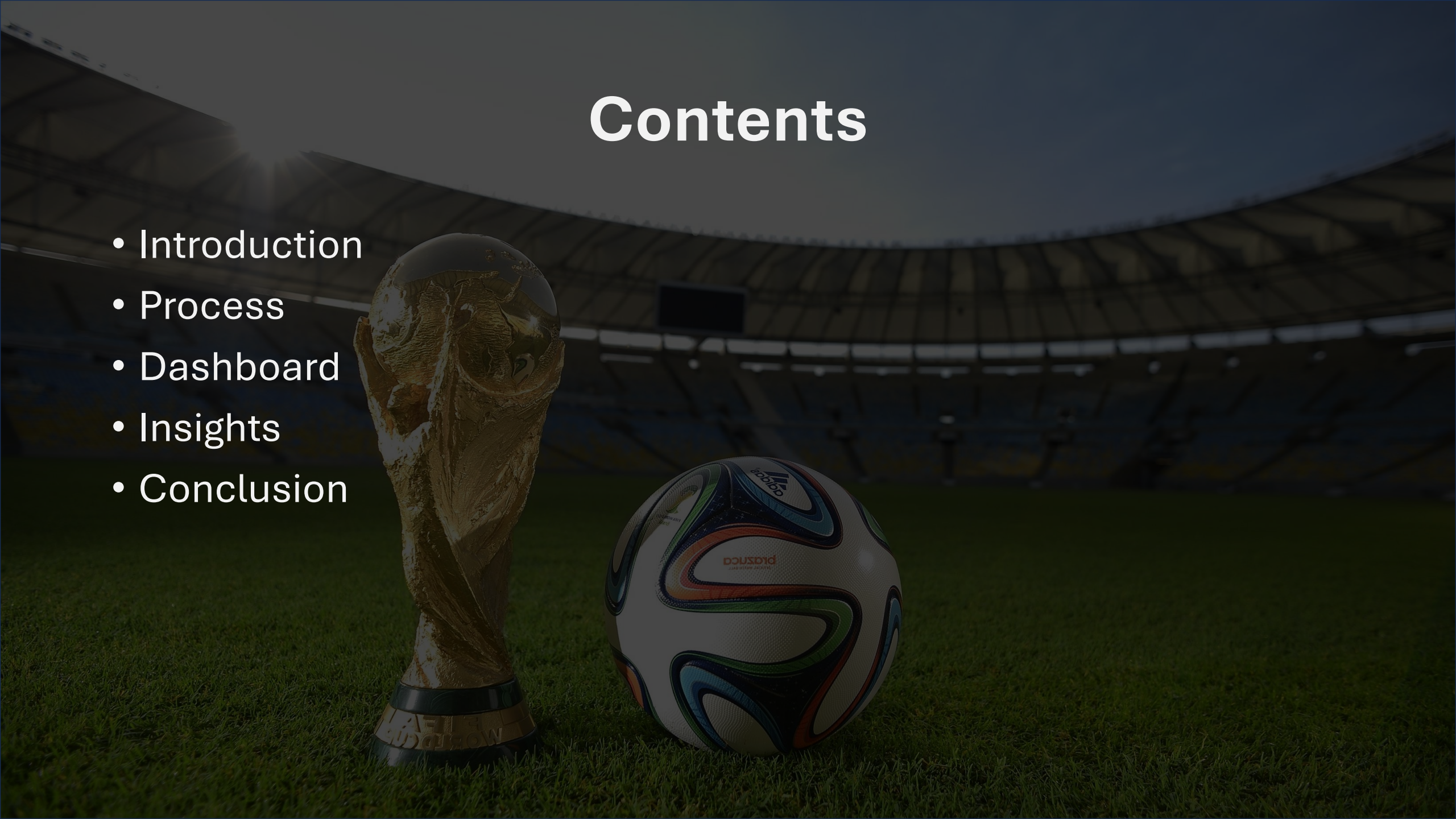


Introduction

With FIFA is in the blood of many people of the world. You are tasked to tell the story of unsung analysts who put great efforts to provide accurate data to answer every question of fans.

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.

Process

Data Understanding

- Understood the data and found Key Performance Indicators (KPIs) of the data

Data Cleaning

- Removed unnecessary columns which have no impact in KPIs
- Excel, Power Query

Data Analysis

- Derived dominant categories in each KPI(Area and Production) with various filters
- Derived some key visual insights
- Python, Pandas, Seaborn

Uncovering Insights

- Created visual Dashboards showing the impact of various sectors influencing the KPIs
- Microsoft Power BI

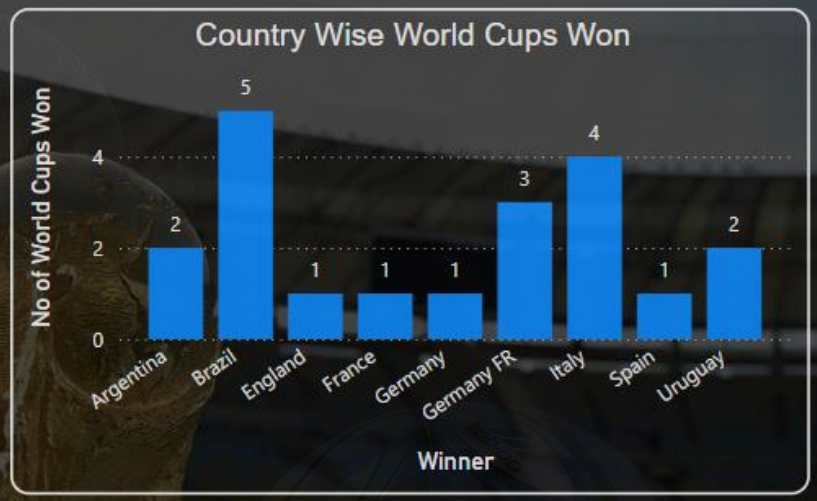
Dashboard

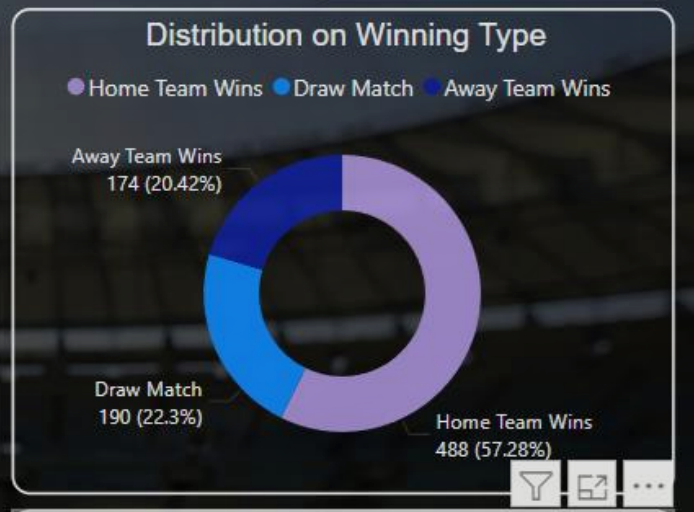
FIFA World Cup Analysis

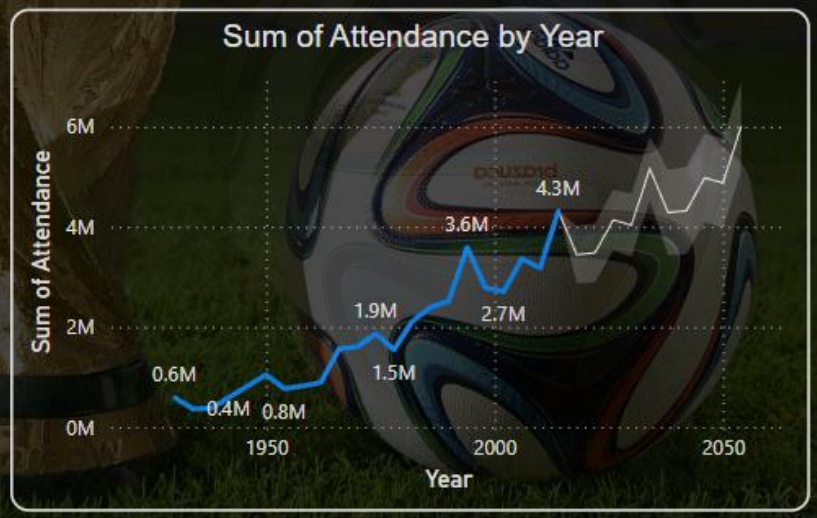
Year: All

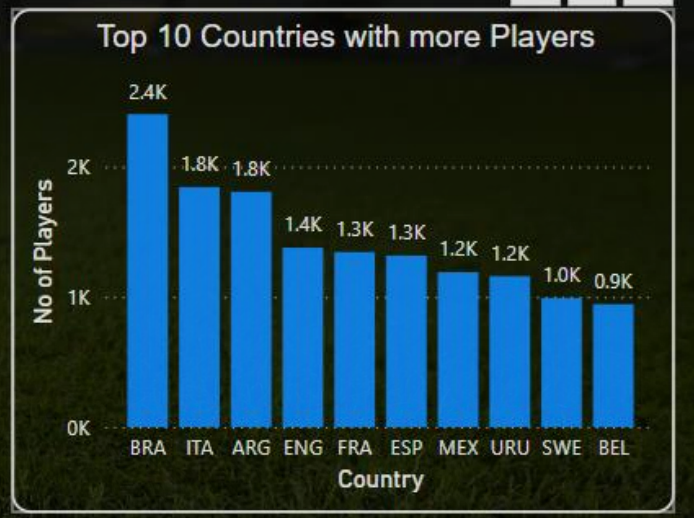
Total Matches	Total Attendence
836	38M

Goals Scored	Total Players
2414	7635









Conclusion

The World Cup's Growth: From humble beginnings in 1930 with just 13 teams, the tournament has exploded to 32 teams today, reflecting its soaring global popularity!

Goal-Scoring Evolution: While total goals per tournament have seen highs of 171, the average goals per match has taken a nosedive from 4+ in the 1950s to 2.5 today. Is it tactics or just tighter defense?

Brazil's Reign: The Selecao leads with 5 World Cup titles, but underdogs are nipping at their heels. Upsets have increased by 30% since the 1980s, adding a dose of unpredictability!\

The 12th Man: Home teams enjoy a massive advantage, scoring an average of 1.8 goals per match compared to just 1.02 for away teams.

Player Legends: From Miroslav Klose's record 16 goals to Lothar Matthäus' 25 appearances, the data highlights the legends who've left their mark on the tournament.