

# ■ World Cup Analysis Dashboard — KPIs & Charts

## ■ Key Performance Indicators (KPIs)

KPI	Description
■ Total Goals	Total number of goals scored in all World Cups (e.g., 2,720)
■ Total Matches	Total number of matches played (e.g., 964)
■ Average Goals per Match	Calculated as Total Goals ÷ Total Matches
■ Top Winner	Country with the highest number of World Cup titles (Brazil – 5 Wins)
■ Total Host Countries	Number of nations that have hosted the tournament
■ Total Teams Participated	Count of unique teams across all tournaments
■ Total Champions	Total number of distinct winning nations

## ■ Main Charts / Visualizations

Chart	Purpose
■ Top Winners of World Cup (Bar Chart)	Compare total wins by each country
■ Goals and Matches Played by Year (Line Chart)	Show trend of goals scored and matches across tournaments
■ Winners by Continent (Donut / Pie Chart)	Display distribution of wins by continent (Europe vs South America)
■ World Cup by Host Country (Map Visual)	Highlight the host countries geographically
■ Total Goals by Stage (Column Chart)	Analyze scoring patterns across tournament stages (Group, Quarter, Semi, Final)
■ Total Goals by Team (Bar Chart)	Compare performance of top teams historically
■ Win Status by Year (Line Chart)	Track evolution of champions through time
■ Total Goals and Win Status by Team (Stacked Bar)	Visualize both total goals and number of wins side by side

## ■ Optional Additions for Enhancement

- Add interactive slicers (Year, Host Country, Continent)
- Include player-level insights (Top scorers, goals per player)
- Add average age or experience if merging with squad dataset
- Include trendline to show scoring evolution over decades