

# Data Context

The FIFA World Cup is a global football competition contested by the senior men's national teams from the 208 Member Associations of FIFA. The competition is held every four years since the inaugural tournament in 1930, with two exceptions. It is the most prestigious and important trophy in the sport of football.

**Kaggle ‘FIFA World Cup Data’** [1] was used as the data source, with the origin being courtesy of the FIFA World Cup Archive website. It belongs to the ‘Event’ category, and comprised of three .csv files: World Cup, World Matches, World Cup Players. An additional, well-prepared data file featuring World Cup Hosts was compiled using the FIFA World Cup website, to supplement this dataset. (Fig. 1) shows the data dictionary of the raw data.

Element/Column	Description
RoundID	Unique ID of the round
MatchID	Unique ID of the match
Team Initials	Player's team initials
Coach Name	Name and country of the team coach
Line-up	S=Line-up, N=Substitute
Shirt Number	Shirt number if available
Player Name	Name of the player
Position	C=Captain, GK=Goalkeeper
Event	G=Goal, OG=Own Goal, Y=Yellow Card, R=Red Card, SY = Red Card by second yellow, P=Penalty, MP=Missed Penalty, I = Substitution In, O=Substitute Out

Fig. 1

Element/Column	Description
City	The city name, where the match was played
Home Team Name	Home team country name
Home Team Goals	Total goals scored by the home team by the end of the match
Away Team Goals	Total goals scored by the away team by the end of the match
Away Team Name	Away team country name
Win conditions	Special win condition (if any)
Attendance	Total crowd present at the stadium
Half-time Home Goals	Goals scored by the home team until half time
Half-time Away Goals	Goals scored by the away team until half time
Referee	Name of the first referee
Assistant 1	Name of the first assistant referee (linesman)
Assistant 2	Name of the second assistant referee (linesman)
RoundID	Unique ID of the Round
MatchID	Unique ID of the match
Home Team Initials	Home team country's three letter initials
Away Team Initials	Away team country's three letter initials

Element/Column	Description
Year	Year of the world cup
Country	Country of the world cup
Winner	Team who won the world cup
Runners-Up	Team who was the second place
Third	Team who was the third place
Fourth	Team who was the fourth place
GoalsScored	Total goals scored in the world cup
QualifiedTeams	Total participating teams
MatchesPlayed	Total matches played in the cup
Attendance	Total attendance of the world cup