



Database Management Systems Project

Project Name:

World Cup Database

Under Supervision of:

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Introduction

Purpose and Scope of the Database

The FIFA World Cup database is designed to efficiently store, manage, and analyze comprehensive tournament data, enabling detailed insights into players, teams, matches, and events. It supports operational functions, reporting, and advanced analytics for FIFA officials, analysts, media, and football enthusiasts. The database focuses on ensuring data accuracy, scalability, and historical relevance for multiple tournaments.

Scenario

The database models the FIFA World Cup, capturing the tournament's complex structure, including teams, players, matches, and events like goals, bookings, and penalties. It serves as the backbone for performance analysis, historical archiving, and fan engagement tools.

Main entities and attributes

1. Award Winners

- o Captures awards given to players and teams.
- o Columns: tournament_id, tournament_name, award_id, award_name, shared, player_id, family_name, given_name, team_id, team_name, team_code.

2. Substitutions

- o Tracks substitutions during matches, including details about players going off and coming on.
- o Columns: substitution_id, tournament_id, match_id, team_id, player id, minute label, going off, coming on.

3. Squads

- o Details the players registered for Each team in a tournament.
- o Columns: tournament_id, team_id, player_id, family_name, given name, shirt number, position name.

4. Qualified Teams

o Contains data on teams qualified for the tournament, including performance metrics.

o Columns: tournament_id, team_id, team_name, count_matches, performance.

5. Player Appearances

- o Records player participation in matches, including their roles.
- o Columns: tournament id, match id, player id, starter, substitute.

6. Group Standings

- o Tracks team rankings during the group stage based on performance.
- o Columns: tournament_id, group_name, team_id, played, wins, draws, losses, points, advanced.

7. Matches

- o Stores detailed match information, including scores and outcomes.
- o Columns: match_id, tournament_id, match_name, match_date, home_team_id, away_team_id, score, home_team_score, away_team_score, result.

8. **Booking**

- o Records disciplinary actions taken during matches.
- o Columns: booking_id, match_id, player_id, team_id, yellow_card, red_card.

9. Manager Appearances

- o Tracks the participation of managers in matches.
- o Columns: manager_id, tournament_id, match_id, team_id, country_name.

10. Penalty Kicks

- o Captures data on penalty kick events during matches.
- o Columns: penalty kick id, match id, player id, converted.

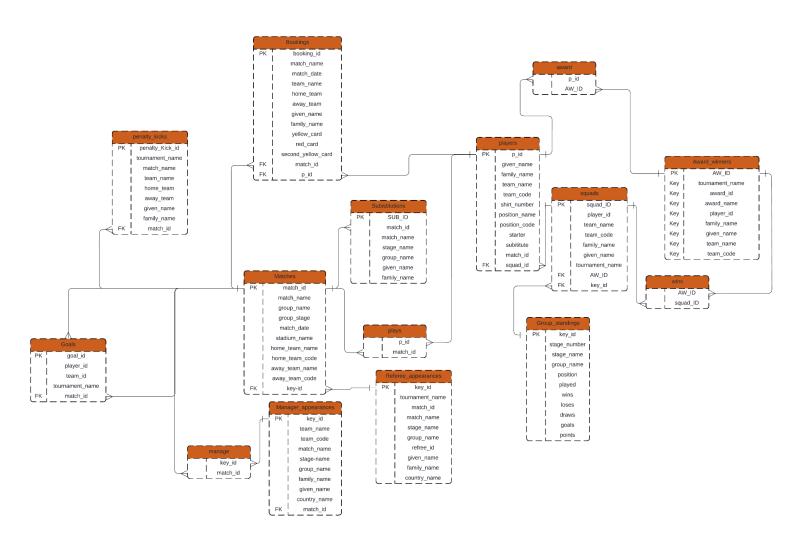
11.Goals

o Records goal details, including whether they were penalties or own goals.

o Columns: goal_id, match_id, player_id, team_id, minute_label, own_goal, penalty.

Relationships

The Entity-Relation Diagram was created using the "Crow's Foot" notation.



Code

```
CREATE TABLE Referee_appearances (
  `key_id ` <type>,
  tournament_name <type>,
  match_id <type>,
  match_name <type>,
  stage_name <type>,
  group_name <type>,
```

```
refree id <type>,
  given name <type>,
 family_name <type>,
  country_name <type>,
 PRIMARY KEY (`key id `)
);
CREATE TABLE Matches (
 match id <type>,
 match name <type>,
  group name <type>,
 group_stage <type>,
 match date <type>,
  stadium name <type>,
 home team name <type>,
 home_team_code <type>,
 away_team_name <type>,
 away team code <type>,
  `key-id ` <type>,
 PRIMARY KEY (match id),
 FOREIGN KEY (`key-id `) REFERENCES
Referee appearances(`key id `)
);
CREATE TABLE Goals (
 goal id <type>,
 player_id <type>,
 team id <type>,
  tournament name <type>,
 match id <type>,
  PRIMARY KEY (goal id),
```

```
FOREIGN KEY (match id) REFERENCES Matches (match id)
);
CREATE TABLE Subistitutions (
 SUB ID <type>,
 match id <type>,
 match name <type>,
  stage name <type>,
 group name <type>,
 given name <type>,
  family name <type>,
  PRIMARY KEY (SUB ID),
 FOREIGN KEY (match id) REFERENCES Matches (match id)
);
CREATE TABLE Group standings (
 key_id <type>,
 stage number <type>,
 stage name <type>,
 group name <type>,
 position <type>,
 played <type>,
 wins <type>,
  loses <type>,
  draws <type>,
  goals <type>,
 points <type>,
 PRIMARY KEY (key id)
);
CREATE TABLE squads (
```

```
squad_ID <type>,
  player_id <type>,
  team_name <type>,
  team_code <type>,
  family name <type>,
  given name <type>,
  tournament_name <type>,
  AW_ID <type>,
  key_id <type>,
  PRIMARY KEY (squad ID),
 FOREIGN KEY (key id) REFERENCES Group standings (key id)
);
CREATE TABLE players (
 p_id <type>,
 given_name <type>,
  family_name <type>,
  team name <type>,
  team code <type>,
  shirt_number <type>,
 position_name <type>,
  position_code <type>,
  starter <type>,
  subititute <type>,
 match_id <type>,
  squad_id <type>,
  PRIMARY KEY (p_id),
 FOREIGN KEY (squad id) REFERENCES squads(squad ID)
);
CREATE TABLE plays (
```

```
p id <type>,
 match id <type>,
 FOREIGN KEY (p id) REFERENCES players (p id),
 FOREIGN KEY (match id) REFERENCES Matches (match id)
);
CREATE TABLE penalty kicks (
 penalty Kick id <type>,
 tournament name <type>,
 match name <type>,
 team name <type>,
 home_team <type>,
 away_team <type>,
 given name <type>,
 family name <type>,
 match id <type>,
  PRIMARY KEY (penalty_Kick_id),
 FOREIGN KEY (match id) REFERENCES Matches (match id)
);
CREATE TABLE `Bookings ` (
 booking id <type>,
 match name <type>,
 match date <type>,
  team name <type>,
 home team <type>,
  away team <type>,
 given name <type>,
  family name <type>,
 yellow_card <type>,
  red card <type>,
```

```
second yellow card <type>,
 match id <type>,
 p_id <type>,
  PRIMARY KEY (booking id),
  FOREIGN KEY (match id) REFERENCES Matches (match id),
 FOREIGN KEY (p id) REFERENCES players(p id)
);
CREATE TABLE Manager appearances (
 key id <type>,
 team name <type>,
  team code <type>,
 match_name <type>,
  stage-name <type>,
 group_name <type>,
 family_name <type>,
 given_name <type>,
 country name <type>,
 match id <type>,
 PRIMARY KEY (key_id)
);
CREATE TABLE Award winners (
 AW ID <type>,
  tournament name <type>,
  award id <type>,
  award name <type>,
 player id <type>,
  family name <type>,
 given_name <type>,
  team name <type>,
```

```
team code <type>,
 PRIMARY KEY (AW ID),
 KEY Key (tournament name, award id, award name, player id,
family name, given name, team name, team code)
);
CREATE TABLE award (
 p id <type>,
 AW ID <type>,
 FOREIGN KEY (AW ID) REFERENCES Award winners (AW ID),
 FOREIGN KEY (p id) REFERENCES players(p id)
);
CREATE TABLE `wins ` (
 AW ID <type>,
 squad ID <type>,
 FOREIGN KEY (squad ID) REFERENCES squads(squad ID),
 FOREIGN KEY (AW ID) REFERENCES Award winners (AW ID)
);
CREATE TABLE manage (
 key id <type>,
 match id <type>,
 FOREIGN KEY (match id) REFERENCES Matches (match id),
 FOREIGN KEY (key id) REFERENCES Manager appearances (key id)
);
```

Explanation

Matches and Goals: Each match has (0,M) goals.

Each goal is scored in (1,1) match.

then it's a 1 to many relationship.

Matches and penalty kicks: Each match has a (0,M) penalty kick.

Each penalty kick occured in (1,1) match.

then it's a 1 to many relationship.

Matches and Manager_appearances: Each match has (1,M) manager.

Each manager attend (1,M) match.

then it's a many to many relationship.

Matches and Bookings: Each match has (0,M) Booking.

Each booking occurred in (1,1) match.

then it's a 1 to many relationship.

Matches and substitutions: Each match (1,M) substitute.

Each substitute belongs to (1,1) match.

then it's a one to many relationships.

Matches and players: Each match has (M,N) players.

Each player plays in (1,M) Match.

then it's a many to many players.

Matches and Referee_appearances: Each match is officiated by (1,1) referee.

Each referee officiates (1,M) matches.

then it's a one to many relationship.

Award_winners and squads: Each award winners belong to (1,M) squad

Each squad is awarded by (0,M) award

then it's a many to many relationship

Award_winners and players: Each player has (0,M) award winner

Each award is achieved by (1,M) player
then it's a many to many relationship

players and Bookings: Each player has (0,M) booking

Each booking belongs to (1,1) player
then it's a one to many relationship

Group_standings and squads: Each group has (M,N) squad

Each squad belongs to (1,1) group
then it's a 1 to many relationship

players and squads: Each player belongs to (1,1) squad

Each squad has (M,N) players

then it's a one to many relationship

SQL Code

```
CREATE TABLE `Referee_appearances` (
  `REF_ID` <type>,
  `tournament_name` <type>,
  `match_id` <type>,
  `match_name` <type>,
  `stage_name` <type>,
  `group_name` <type>,
  `refree_id` <type>,
  `given_name` <type>,
```

```
`family_name` <type>,
  `country name` <type>,
  PRIMARY KEY (`REF ID`)
);
CREATE TABLE `Matches` (
  `match_id` <type>,
  `match name` <type>,
  `group_name` <type>,
  `group_stage` <type>,
  `match date` <type>,
  `stadium_name` <type>,
  `home_team_name` <type>,
  `home_team_code` <type>,
  `away team name` <type>,
  `away team code` <type>,
  `REF ID` <type>,
  PRIMARY KEY (`match id`),
  FOREIGN KEY (`REF_ID`) REFERENCES
`Referee appearances`(`REF ID`)
);
CREATE TABLE `Goals` (
  `G ID` <type>,
  `player id` <type>,
  `team id` <type>,
  `goal id` <type>,
  `tournament_name` <type>,
  `match_id` <type>,
  PRIMARY KEY (`G_ID`),
  FOREIGN KEY (`match_id`) REFERENCES `Matches`(`match_id`)
);
CREATE TABLE `Subistitutions` (
  `SUB_ID` <type>,
  `match id` <type>,
```

```
`match_name` <type>,
  `stage name` <type>,
  `group_name` <type>,
  `given name` <type>,
  `family name` <type>,
  PRIMARY KEY (`SUB_ID`),
  FOREIGN KEY (`match id`) REFERENCES `Matches`(`match id`)
);
CREATE TABLE `Group standings` (
  `GS ID` <type>,
  `stage_number` <type>,
  `stage name` <type>,
  `group name` <type>,
  `position` <type>,
  `played` <type>,
  `wins` <type>,
  `loses` <type>,
  `draws` <type>,
  `goals` <type>,
  `points` <type>,
  PRIMARY KEY (`GS_ID`)
);
CREATE TABLE `Award winners` (
  `AW ID` <type>,
  `tournament name` <type>,
  `award id` <type>,
  `award name` <type>,
  `player_id` <type>,
  `family name` <type>,
  `given name` <type>,
  `team_name` <type>,
  `team code` <type>,
```

```
PRIMARY KEY (`AW ID`),
 KEY `Key` (`tournament_name`, `award_id`, `award_name`,
`player id`, `family_name`, `given_name`, `team_name`,
`team code`)
);
CREATE TABLE `squads` (
  `squad_ID` <type>,
  `player id` <type>,
  `team_name` <type>,
  `team code` <type>,
  `family name` <type>,
  `given_name` <type>,
  `tournament name` <type>,
  `AW ID` <type>,
  `GS ID` <type>,
  PRIMARY KEY (`squad ID`),
  FOREIGN KEY (`GS_ID`) REFERENCES `Group_standings`(`GS_ID`),
  FOREIGN KEY (`AW_ID`) REFERENCES `Award_winners`(`AW_ID`)
);
CREATE TABLE `players` (
  `p id` <type>,
  `given name` <type>,
  `family name` <type>,
  `team name` <type>,
  `team code` <type>,
  `shirt number` <type>,
  `position name` <type>,
  `position_code` <type>,
  `starter` <type>,
  `subititute` <type>,
  `match id` <type>,
  `squad id` <type>,
  PRIMARY KEY (`p_id`),
```

```
FOREIGN KEY (`squad id`) REFERENCES `squads`(`squad ID`)
);
CREATE TABLE `plays` (
  `p id` <type>,
  `match id` <type>,
  FOREIGN KEY (`p_id`) REFERENCES `players`(`p_id`),
 FOREIGN KEY (`match id`) REFERENCES `Matches`(`match id`)
);
CREATE TABLE `penality kicks` (
  `PNK ID` <type>,
  `tournament_name` <type>,
  `match name` <type>,
  `team name` <type>,
  `home team` <type>,
  `away team` <type>,
  `given name` <type>,
  `family name` <type>,
  `match id` <type>,
  PRIMARY KEY (`PNK ID`),
  FOREIGN KEY (`match_id`) REFERENCES `Matches`(`match_id`)
);
CREATE TABLE `Bookings ` (
  `B_ID` <type>,
  `match name` <type>,
  `match date` <type>,
  `team name` <type>,
  `home team` <type>,
  `away_team` <type>,
  `given name` <type>,
  `family name` <type>,
  `yellow_card` <type>,
  `red card` <type>,
```

```
`second yellow card` <type>,
  `match id` <type>,
  `p_id` <type>,
  PRIMARY KEY (`B ID`),
  FOREIGN KEY (`match_id`) REFERENCES `Matches`(`match_id`),
  FOREIGN KEY (`p_id`) REFERENCES `players`(`p_id`)
);
CREATE TABLE `Manager appearances` (
  `MA id` <type>,
  `team name` <type>,
  `team code` <type>,
  `match name` <type>,
  `stage-name` <type>,
  `group name` <type>,
  `family name` <type>,
  `given name` <type>,
  `country_name` <type>,
  `match_id` <type>,
  PRIMARY KEY (`MA_id`),
  FOREIGN KEY (`match id`) REFERENCES `Matches`(`match_id`)
);
```

Business Rules

- 1. A match must involve exactly two teams, identified as home and away.
- 2. A player can appear in matches only for the team they are registered with in the tournament.
- 3. Substitutions must reference valid player IDs and specify the time they occurred.
- 4. Awards can be shared between players or teams.

- 5. Teams must have a valid group standing during the group stage.
- 6. Goals, bookings, and penalty kicks must reference active players in the match.
- 7. Manager appearances are unique to their assigned teams during the tournament.

Data Source and Samples

The dataset was obtained from GitHub and originally comprised 27 entities, encompassing a total of 1.58 million data points. Given the scope and objectives of this project, a subset of 11 key entities was selected for further analysis, prioritizing those most relevant to the research goals and ensuring a focused approach to data processing and interpretation.

Award winners

Award winner AW_ID	▼ tournament •	tournament -	award_id -	award_nam∈ +	shared	- player_id -	family_nam: •	given_name +	team_id -	team_name +	team_code
+	1 WC-1930	1930 FIFA Men'	A-4	Golden Boot		0 P-56486	StÃibile	Guillermo	T-03	Argentina	ARG
+	2 WC-1930	1930 FIFA Men'	A-5	Silver Boot		0 P-18628	Cea	Pedro	T-84	Uruguay	URY
+	3 WC-1930	1930 FIFA Men'	A-6	Bronze Boot		0 P-71973	Patenaude	Bert	T-83	United States	USA
+	4 WC-1934	1934 FIFA Men'	A-4	Golden Boot		0 P-60513	Nejedlý	Oldřich	T-21	Czechoslovakia	CSK
+	5 WC-1934	1934 FIFA Men'	A-5	Silver Boot		1 P-77348	Conen	Edmund	T-31	Germany	DEU
+	6 WC-1934	1934 FIFA Men'	A-5	Silver Boot		1 P-56703	Schiavio	Angelo	T-41	Italy	ITA
+	7 WC-1938	1938 FIFA Men'	A-4	Golden Boot		0 P-09730	Leônidas	not applicable	T-09	Brazil	BRA
+	8 WC-1938	1938 FIFA Men'	A-5	Silver Boot		1 P-65885	Piola	Silvio	T-41	Italy	ITA
+	9 WC-1938	1938 FIFA Men'	A-5	Silver Boot		1 P-89034	SÃirosi	György	T-36	Hungary	HUN
+	10 WC-1938	1938 FIFA Men'	A-5	Silver Boot		1 P-67652	Zsengellér	Gyula	T-36	Hungary	HUN
+	11 WC-1950	1950 FIFA Men'	A-4	Golden Boot		0 P-49381	Ademir	not applicable	T-09	Brazil	BRA
+	12 WC-1950	1950 FIFA Men'	A-5	Silver Boot		0 P-18523	MÃ-guez	Oscar	T-84	Uruguay	URY
+	13 WC-1950	1950 FIFA Men'	A-6	Bronze Boot		1 P-26928	Basora	Estanislau	T-73	Spain	ESP
+	14 WC-1950	1950 FIFA Men'	A-6	Bronze Boot		1 P-22428	Chico	not applicable	T-09	Brazil	BRA
+	15 WC-1950	1950 FIFA Men'	A-6	Bronze Boot		1 P-16302	Ghiggia	Alcides	T-84	Uruguay	URY
+	16 WC-1950	1950 FIFA Men'	A-6	Bronze Boot		1 P-65220	Zarra	Telmo	T-73	Spain	ESP
+	17 WC-1954	1954 FIFA Men'	A-4	Golden Boot		0 P-07028	Kocsis	SÃindor	T-36	Hungary	HUN
+	18 WC-1954	1954 FIFA Men'	A-5	Silver Boot		1 P-14406	Hügi	Josef	T-75	Switzerland	CHE
±	19 WC-1954	1954 FIFA Men'	A-5	Silver Boot		1 P-05766	Morlock	Max	T-86	West Germany	DEU
+	20 WC-1954	1954 FIFA Men'	A-5	Silver Boot		1 P-85257	Probst	Erich	T-05	Austria	AUT
+	21 WC-1958	1958 FIFA Men'	A-4	Golden Boot		0 P-77939	Fontaine	Just	T-30	France	FRA
+	22 WC-1958	1958 FIFA Men'	A-5	Silver Boot		1 P-38906	Pelé	not applicable	T-09	Brazil	BRA
+	23 WC-1958	1958 FIFA Men'	A-5	Silver Boot		1 P-08136	Rahn	Helmut	T-86	West Germany	DEU
+	24 WC-1958	1958 FIFA Men'	A-8	Best Young Pla		0 P-38906	Pelé	not applicable	T-09	Brazil	BRA
+	25 WC-1962	1962 FIFA Men'	A-4	Golden Boot		1 P-21188	Albert	Flórián	T-36	Hungary	HUN
+	26 WC-1962	1962 FIFA Men'	A-4	Golden Boot		1 P-46080	Garrincha	not applicable	T-09	Brazil	BRA
+	27 WC-1962	1962 FIFA Men'	A-4	Golden Boot		1 P-11702	Ivanov	Valentin	T-72	Soviet Union	SUN
+	28 WC-1962	1962 FIFA Men'	A-4	Golden Boot		1 P-55024	Jerković	Dražan	T-87	Yugoslavia	YUG
+	29 WC-1962	1962 FIFA Men'	A-4	Golden Boot		1 P-22224	SÃinchez	Leonel	T-13	Chile	CHL
+	30 WC-1962	1962 FIFA Men'	A-4	Golden Boot		1 P-45310	VavÃi	not applicable	T-09	Brazil	BRA
+	31 WC-1962	1962 FIFA Men'	A-8	Best Young Pla		0 P-21188	Albert	FIórián	T-36	Hungary	HUN
+	32 WC-1966	1966 FIFA Men'	A-4	Golden Boot		0 P-74747	Eusébio	not applicable	T-58	Portugal	PRT
+	33 WC-1966	1966 FIFA Men'	A-5	Silver Boot		0 P-12272	Haller	Helmut	T-86	West Germany	DEU
+	34 WC-1966	1966 FIFA Men'	A-6	Bronze Boot		1 P-72864	Beckenbauer	Franz	T-86	West Germany	DEU
+	35 WC-1966	1966 FIFA Men'	A-6	Bronze Boot		1 P-82516	Bene	Ferenc	T-36	Hungary	HUN
+	36 WC-1966	1966 FIFA Men'	A-6	Bronze Boot		1 P-34802	Hurst	Geoff	T-28	England	ENG
+	37 WC-1966	1966 FIFA Men'	A-6	Bronze Boot		1 P-53800	Porkujan	Valeriy	T-72	Soviet Union	SUN
+	38 WC-1966	1966 FIFA Men'	A-8	Best Young Pla		0 P-72864	Beckenbauer	Franz	T-86	West Germany	DEU
+	39 WC-1970	1970 FIFA Men'	A-4	Golden Boot		0 P-72441	Müller	Gerd	T-86	West Germany	DEU
+	40 MC 1970	1970 EIEA Mon!	Λ 5	Silver Poot		0 D 77/20	Inirzinho	not applicable	T 00	Prozil	DDA

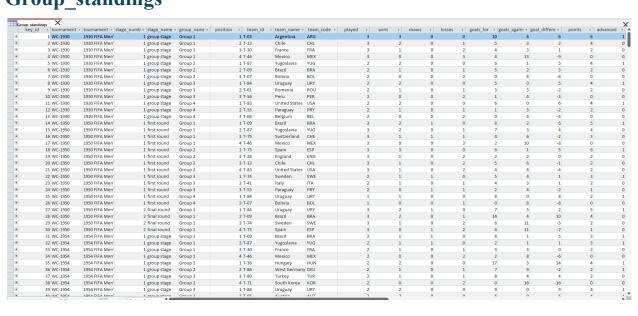
Bookings

Bookings booking id	tournament .	match id	· match name ·	match date •	stage name •	group name •	team id	· team name ·	team code -	home team	away team	- player id	family name -	given name -	shirt numbe - minute labe	minute regi +	minute stor -
B-0001	WC-1970	M-1970-01	Mexico vs Sovi		group stage	Group 1	T-72	Soviet Union	SUN	_	0	1 P-33189	Asatiani	Kakhi	11 30'	30	- (
B-0002	WC-1970	M-1970-01	Mexico vs Sovi		group stage	Group 1	T-72	Soviet Union	SUN		0	1 P-43733	Nodia	Givi	19 31'	31	
B-0003	WC-1970	M-1970-01	Mexico vs Sovi		group stage	Group 1	T-72	Soviet Union	SUN		0	1 P-52906	Lovchev	Evgeny	6 34'	34	
B-0004	WC-1970	M-1970-01	Mexico vs Sovi		group stage	Group 1	T-46	Mexico	MEX		1	0 P-64553	Peña	Gustavo	3 60'	60	(
B-0005	WC-1970	M-1970-01	Mexico vs Sovi		group stage	Group 1	T-72	Soviet Union	SUN		0	1 P-70408	Logofet	Gennady	7 72'	72	
B-0006	WC-1970	M-1970-06	Italy vs Sweder		group stage	Group 2	T-74	Sweden	SWE		0	1 P-20172	Cronqvist	Claes	13 56'	56	
B-0007	WC-1970	M-1970-07	Brazil vs Czeche		group stage	Group 3	T-09	Brazil	BRA		1	0 P-04354	Gérson	not applicable	8 31'	31	
B-0008	WC-1970	M-1970-11	Romania vs Cze		group stage	Group 3	T-61	Romania	ROU		1	0 P-41601	Nunweiller	Radu	10 82'	82	(
B-0009	WC-1970	M-1970-11	Romania vs Cze		group stage	Group 3	T-21	Czechoslovakia	CSK		0	1 P-25708	KvaÅjÅ^Ãjk	Andrej	6 82'	82	
B-0010	WC-1970	M-1970-13	Mexico vs El Sa		group stage	Group 1	T-27	El Salvador	SLV		0	1 P-54377	Cortés	Santiago	4 13'	13	
B-0011	WC-1970	M-1970-13	Mexico vs El Sa		group stage	Group 1	T-27	El Salvador	SLV		0	1 P-60582	Mariona	Salvador	3 33'	33	
B-0012	WC-1970	M-1970-13	Mexico vs El Sa		group stage	Group 1	T-27	El Salvador	SLV		0	1 P-08268	Magaña	RaúI	1 45'	45	
B-0013	WC-1970	M-1970-13	Mexico vs El Sa		group stage	Group 1	T-27	El Salvador	SLV		0	1 P-10096	Cabezas	Salvador	10 57"	57	
B-0014	WC-1970	M-1970-14	Sweden vs Isra		group stage	Group 2	T-40	Israel	ISR		0	1 P-08449	Bar	Shraga	2 38'	38	
B-0015	WC-1970	M-1970-14	Sweden vs Isra		group stage	Group 2	T-74	Sweden	SWE		1	0 P-61494	Persson	Ã-rjan	11 72'	72	
B-0016	WC-1970	M-1970-14	Sweden vs Isra		group stage	Group 2	T-40	Israel	ISR		0	1 P-87631	Primo	David	4 89'	89	
B-0017	WC-1970	M-1970-15	Brazil vs Englar		group stage	Group 3	T-28	England	ENG		0	1 P-88728	Lee	Francis	7 30'	30	
B-0018	WC-1970	M-1970-17	Soviet Union v:		group stage	Group 1	T-72	Soviet Union	SUN		1	0 P-98262	Khmelnitsky	Vitaly	21 90'	90	
B-0019	WC-1970	M-1970-19	Brazil vs Romar		group stage	Group 3	T-61	Romania	ROU		0	1 P-26224	Dumitru	Ion	15 44'	44	
B-0020	WC-1970	M-1970-19	Brazil vs Romar		group stage	Group 3	T-61	Romania	ROU		0	1 P-61942	Mocanu	Mihai	4 78'	78	
B-0021	WC-1970	M-1970-21	Mexico vs Belg		group stage	Group 1	T-06	Belgium	BEL		0	1 P-94646	Van Himst	Paul	10 15'	15	(
B-0022	WC-1970	M-1970-21	Mexico vs Belg		group stage	Group 1	T-46	Mexico	MEX		1	0 P-07812	Valdivia	Javier	19 19'	19	
B-0023	WC-1970	M-1970-21	Mexico vs Belg		group stage	Group 1	T-46	Mexico	MEX		1	0 P-64553	Peña	Gustavo	3 29'	29	
B-0024	WC-1970	M-1970-21	Mexico vs Belg		group stage	Group 1	T-06	Belgium	BEL		0	1 P-98745	Thissen	Jean	3 29'	29	(
B-0025	WC-1970	M-1970-21	Mexico vs Belg		group stage	Group 1	T-06	Belgium	BEL		0	1 P-42364	Polleunis	Odilon	16 62'	62	
B-0026	WC-1970	M-1970-22	Italy vs Israel		group stage	Group 2	T-40	Israel	ISR		0	1 P-87631	Primo	David	4 62'	62	(
B-0027	WC-1970	M-1970-22	Italy vs Israel		group stage	Group 2	T-40	Israel	ISR		0	1 P-92635	Bello	Menachem	3 67	67	
B-0028	WC-1970	M-1970-22	Italy vs Israel		group stage	Group 2	T-41	Italy	ITA		1	0 P-92154	Boninsegna	Roberto	20 90'	90	
B-0029	WC-1970	M-1970-23	England vs Cze		group stage	Group 3	T-21	Czechoslovakia	CSK		0	1 P-49133	DobiaÅi	Karol	2 78"	78	(
B-0030	WC-1970	M-1970-26	Italy vs Mexico		quarter-finals	not applicable	T-41	Italy	ITA		1	0 P-62214	Rivera	Gianni	14 67'	67	
B-0031	WC-1970	M-1970-27	Soviet Union v:		quarter-finals	not applicable	T-84	Uruguay	URY		0	1 P-83747	Matosas	Roberto	3 9'	9	(
B-0032	WC-1970	M-1970-27	Soviet Union v:		quarter-finals	not applicable	T-84	Uruguay	URY		0	1 P-83931	Montero Casti	Julio	5 17'	17	
B-0033	WC-1970	M-1970-27	Soviet Union v		quarter-finals	not applicable	T-72	Soviet Union	SUN		1	0 P-33189	Asatiani	Kakhi	11 32'	32	(
B-0034	WC-1970	M-1970-27	Soviet Union v:		quarter-finals	not applicable	T-84	Uruguay	URY		0	1 P-63224	Ubiña	Luis	4 59'	59	
B-0035	WC-1970	M-1970-27	Soviet Union v		quarter-finals	not applicable	T-72	Soviet Union	SUN		1	0 P-17002	Kaplichny	Vladimir	5 76'	76	
B-0036	WC-1970	M-1970-27	Soviet Union v:		quarter-finals	not applicable	T-72	Soviet Union	SUN		1	0 P-02102	Byshovets	Anatoliy	16 118'	118	
B-0037	WC-1970	M-1970-28	West Germany		quarter-finals	not applicable	T-28	England	ENG		0	1 P-88728	Lee	Francis	7 10'	10	
B-0038	WC-1970	M-1970-28	West Germany		quarter-finals	not applicable	T-86	West Germany	DEU		1	0 P-72441	Mþller	Gerd	13 18'	18	
B-0039	WC-1970	M-1970-29	Brazil vs Urugu		semi-finals	not applicable	T-84	Uruguay	URY		0	1 P-50162	Mujica	Juan	6 5'	5	
D DOWN	18/0 1070	M 1070 70	Desail or House		comi finale	not applicable	T OA	December	HDV		0	1 D 40160	Contoc	Daraharta	15 101	10	

Goals

Goals X goal_id	tournament -	tournament -	match id	- match name - match date -	stage name -	group name -	team id	team name -	team code -	home team -	away team	- player id	- family name -	given name -	shirt numbe	- player team -	- player team -	- pl
G-0001	WC-1930	1930 FIFA Men	M-1930-01	France vs Mexi	group stage	Group 1	T-30	France	FRA		1	0 P-05470	Laurent	Lucien		0 T-30	France	FI
G-0002	WC-1930	1930 FIFA Men'	M-1930-01	France vs Mexi	group stage	Group 1	T-30	France	FRA		1	0 P-99087	Langiller	Marcel		0 T-30	France	F
G-0003	WC-1930	1930 FIFA Men	M-1930-01	France vs Mexi	group stage	Group 1	T-30	France	FRA		1	0 P-60620	Maschinot	André		0 T-30	France	F
G-0004	WC-1930	1930 FIFA Men	M-1930-01	France vs Mexi	group stage	Group 1	T-46	Mexico	MEX		0	1 P-94135	Carreño	Juan		0 T-46	Mexico	N
3-0005	WC-1930	1930 FIFA Men	M-1930-01	France vs Mexi	group stage	Group 1	T-30	France	FRA		1	0 P-60620	Maschinot	André		0 T-30	France	F
G-0006	WC-1930	1930 FIFA Men	M-1930-02	United States v	group stage	Group 4	T-83	United States	USA		1	0 P-65185	McGhee	Bart		0 T-83	United States	· L
G-0007	WC-1930	1930 FIFA Men	M-1930-02	United States v	group stage	Group 4	T-83	United States	USA		1	0 P-37361	Florie	Tom		0 T-83	United States	ı
G-0008	WC-1930	1930 FIFA Men	M-1930-02	United States v	group stage	Group 4	T-83	United States	USA		1	0 P-71973	Patenaude	Bert		0 T-83	United States	ı
G-0009	WC-1930	1930 FIFA Men'	M-1930-03	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG		1	0 P-43349	Tirnanić	Aleksandar		0 T-87	Yugoslavia	١
3-0010	WC-1930	1930 FIFA Men	M-1930-03	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG		1	0 P-43734	Bek	Ivan		0 T-87	Yugoslavia	Y
G-0011	WC-1930	1930 FIFA Men'	M-1930-03	Yugoslavia vs B	group stage	Group 2	T-09	Brazil	BRA		0	1 P-91171	Preguinho	not applicable		0 T-09	Brazil	В
3-0012	WC-1930	1930 FIFA Men	M-1930-04	Romania vs Pei	group stage	Group 3	T-61	Romania	ROU		1	0 P-91295	DeÅŸu	Adalbert		0 T-61	Romania	F
G-0013	WC-1930	1930 FIFA Men	M-1930-04	Romania vs Per	group stage	Group 3	T-56	Peru	PER		0	1 P-44010	Souza Ferreira	Luis		0 T-56	Peru	F
5-0014	WC-1930	1930 FIFA Men	M-1930-04	Romania vs Pei	group stage	Group 3	T-61	Romania	ROU		1	0 P-18615	Stanciu	Constantin		0 T-61	Romania	F
-0015	WC-1930	1930 FIFA Men	M-1930-04	Romania vs Per	group stage	Group 3	T-61	Romania	ROU		1	0 P-70294	KovÃics	MiklÃ*s		0 T-61	Romania	F
6-0016	WC-1930	1930 FIFA Men'	M-1930-05	Argentina vs Fr	group stage	Group 1	T-03	Argentina	ARG		1	0 P-25760	Monti	Luis		0 T-03	Argentina	1
-0017	WC-1930	1930 FIFA Men	M-1930-06	Chile vs Mexico	group stage	Group 1	T-13	Chile	CHL		1	0 P-61338	Vidal	Carlos		0 T-13	Chile	(
6-0018	WC-1930	1930 FIFA Men'	M-1930-06	Chile vs Mexico	group stage	Group 1	T-13	Chile	CHL		1	0 P-89481	Rosas	Manuel		0 T-46	Mexico	
3-0019	WC-1930	1930 FIFA Men	M-1930-06	Chile vs Mexico	group stage	Group 1	T-13	Chile	CHL		1	0 P-61338	Vidal	Carlos		0 T-13	Chile	(
G-0020	WC-1930	1930 FIFA Men'	M-1930-07	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG		1	0 P-43734	Bek	Ivan		0 T-87	Yugoslavia	Y
G-0021	WC-1930	1930 FIFA Men	M-1930-07	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG		1	0 P-75929	Marjanović	Blagoje		0 T-87	Yugoslavia	- 1
G-0022	WC-1930	1930 FIFA Men	M-1930-07	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG		1	0 P-43734	Bek	Ivan		0 T-87	Yugoslavia	١
6-0023	WC-1930	1930 FIFA Men'	M-1930-07	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG		1	0 P-33565	Vujadinović	ÄorÄ'e		0 T-87	Yugoslavia	- 1
3-0024	WC-1930	1930 FIFA Men	M-1930-08	United States v	group stage	Group 4	T-83	United States	USA		1	0 P-71973	Patenaude	Bert		0 T-83	United States	ι
G-0025	WC-1930	1930 FIFA Men'	M-1930-08	United States v	group stage	Group 4	T-83	United States	USA		1	0 P-71973	Patenaude	Bert		0 T-83	United States	· L
3-0026	WC-1930	1930 FIFA Men	M-1930-08	United States v	group stage	Group 4	T-83	United States	USA		1	0 P-71973	Patenaude	Bert		0 T-83	United States	L
G-0027	WC-1930	1930 FIFA Men	M-1930-09	Uruguay vs Per	group stage	Group 3	T-84	Uruguay	URY		1	0 P-54697	Castro	Héctor		0 T-84	Uruguay	U
G-0028	WC-1930	1930 FIFA Men	M-1930-10	Chile vs France	group stage	Group 1	T-13	Chile	CHL		1	0 P-08459	Sublabre	Guillermo		0 T-13	Chile	C
G-0029	WC-1930	1930 FIFA Men	M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG		1	0 P-56486	StÃibile	Guillermo		0 T-03	Argentina	Α
G-0030	WC-1930	1930 FIFA Men'	M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG		1	0 P-76546	Zumelzú	Adolfo		0 T-03	Argentina	Α
3-0031	WC-1930	1930 FIFA Men	M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG		1	0 P-56486	StÃjbile	Guillermo		0 T-03	Argentina	Α
G-0032	WC-1930	1930 FIFA Men'	M-1930-11	Argentina vs M	group stage	Group 1	T-46	Mexico	MEX		0	1 P-89481	Rosas	Manuel		0 T-46	Mexico	N
3-0033	WC-1930	1930 FIFA Men	M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG		1	0 P-37326	Varallo	Francisco		0 T-03	Argentina	Α
G-0034	WC-1930	1930 FIFA Men'	M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG		1	0 P-76546	Zumelzú	Adolfo		0 T-03	Argentina	A
G-0035	WC-1930	1930 FIFA Men	M-1930-11	Argentina vs M	group stage	Group 1	T-46	Mexico	MEX		0	1 P-89481	Rosas	Manuel		0 T-46	Mexico	N
G-0036	WC-1930	1930 FIFA Men	M-1930-11	Argentina vs M	group stage	Group 1	T-46	Mexico	MEX		0	1 P-31066	GayÃ ^s n	Roberto		0 T-46	Mexico	N
i-0037	WC-1930	1930 FIFA Men'	M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG		1	0 P-56486	StÃibile	Guillermo		0 T-03	Argentina	Α
-0038	WC-1930	1930 FIFA Men	M-1930-12	Brazil vs Bolivia	group stage	Group 2	T-09	Brazil	BRA		1	0 P-83987	Moderato	not applicable		0 T-09	Brazil	В
G-0039	WC-1930	1930 FIFA Men	M-1930-12	Brazil vs Bolivia	group stage	Group 2	T-09	Brazil	BRA		1	0 P-91171	Preguinho	not applicable		0 T-09	Brazil	BI
2.0040	MC 1920	1920 EIEA Mon	M 1020 12	Penaltur Rollet	group ctago	Group 2	T no	Broad	DDA		1	n n 03007	Modorato	not applicable		n T no	Broad	DO

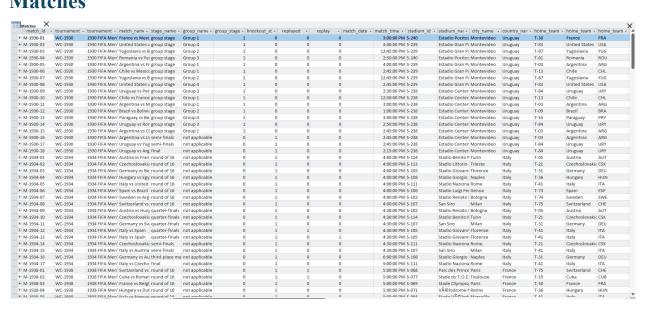
Group_standings



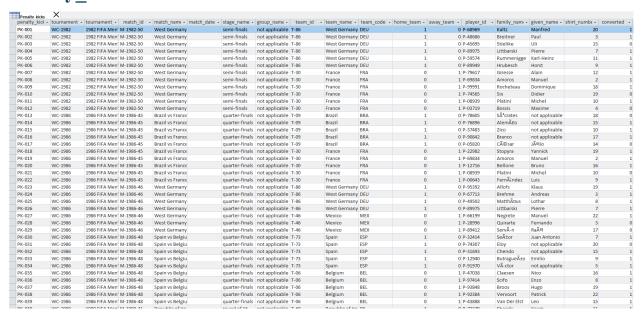
Manager appearances

_id			match_nam(→ match_date →	0 _	0 1_		_		home_team - away_team		/-	_		CIICK TO
	1 WC-1930	1930 FIFA Men' M-1930-01	France vs Mexi	group stage	Group 1	T-30	France	FRA	1	0 M-075	Caudron	Raoul	France	
	2 WC-1930	1930 FIFA Men' M-1930-01	France vs Mexi	group stage	Group 1	T-46	Mexico	MEX	0	1 M-235	Luque de Serra		Mexico	
	3 WC-1930	1930 FIFA Men' M-1930-02	United States v	group stage	Group 4	T-83	United States	USA	1	0 M-265	Millar	Robert	Scotland	
	4 WC-1930	1930 FIFA Men' M-1930-02	United States v	group stage	Group 4	T-06	Belgium	BEL	0	1 M-140	Goetinck	Hector	Belgium	
	5 WC-1930	1930 FIFA Men' M-1930-03	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG	1	0 M-397	Simonović	BoÅiko	Yugoslavia	
	6 WC-1930	1930 FIFA Men' M-1930-03	Yugoslavia vs B	group stage	Group 2	T-09	Brazil	BRA	0	1 M-091	de Carvalho Ro	PÃ-ndaro	Brazil	
	7 WC-1930	1930 FIFA Men' M-1930-04	Romania vs Pei	group stage	Group 3	T-61	Romania	ROU	1	0 M-341	RÄfdulescu	Costel	Romania	
	8 WC-1930	1930 FIFA Men' M-1930-04	Romania vs Pei	group stage	Group 3	T-56	Peru	PER	0	1 M-061	Bru	Francisco	Spain	
	9 WC-1930	1930 FIFA Men' M-1930-05	Argentina vs Fr	group stage	Group 1	T-03	Argentina	ARG	1	0 M-296	Olazar	Francisco	Argentina	
	10 WC-1930	1930 FIFA Men' M-1930-05	Argentina vs Fr	group stage	Group 1	T-03	Argentina	ARG	1	0 M-432	Tramutola	Juan José	Argentina	
	11 WC-1930	1930 FIFA Men' M-1930-05	Argentina vs Fr	group stage	Group 1	T-30	France	FRA	0	1 M-075	Caudron	Raoul	France	
	12 WC-1930	1930 FIFA Men' M-1930-06	Chile vs Mexico	group stage	Group 1	T-13	Chile	CHL	1	0 M-302	Orth	György	Hungary	
	13 WC-1930	1930 FIFA Men' M-1930-06	Chile vs Mexico	group stage	Group 1	T-46	Mexico	MEX	0	1 M-235	Luque de Serra	Juan	Mexico	
	14 WC-1930	1930 FIFA Men' M-1930-07	Yugoslavia vs B	group stage	Group 2	T-87	Yugoslavia	YUG	1	0 M-397	Simonović	BoÅjko	Yugoslavia	
	15 WC-1930	1930 FIFA Men' M-1930-07	Yugoslavia vs B	group stage	Group 2	T-07	Bolivia	BOL	0	1 M-381	Saucedo	Ulises	Bolivia	
	16 WC-1930	1930 FIFA Men' M-1930-08	United States v	group stage	Group 4	T-83	United States	USA	1	0 M-265	Millar	Robert	Scotland	
	17 WC-1930	1930 FIFA Men' M-1930-08	United States v	group stage	Group 4	T-55	Paraguay	PRY	0	1 M-109	Durand Laguna	José	Argentina	
	18 WC-1930	1930 FIFA Men' M-1930-09	Uruguay vs Per	group stage	Group 3	T-84	Uruguay	URY	1	0 M-415	Suppici	Alberto	Uruguay	
	19 WC-1930	1930 FIFA Men' M-1930-09	Uruguay vs Per	group stage	Group 3	T-56	Peru	PER	0	1 M-061	Bru	Francisco	Spain	
	20 WC-1930	1930 FIFA Men' M-1930-10	Chile vs France	group stage	Group 1	T-13	Chile	CHL	1	0 M-302	Orth	GyĶrgy	Hungary	
	21 WC-1930	1930 FIFA Men' M-1930-10	Chile vs France	group stage	Group 1	T-30	France	FRA	0	1 M-075	Caudron	Raoul	France	
	22 WC-1930	1930 FIFA Men' M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG	1	0 M-296	Olazar	Francisco	Argentina	
	23 WC-1930	1930 FIFA Men' M-1930-11	Argentina vs M	group stage	Group 1	T-03	Argentina	ARG	1	0 M-432	Tramutola	Juan José	Argentina	
	24 WC-1930	1930 FIFA Men' M-1930-11	Argentina vs M	group stage	Group 1	T-46	Mexico	MEX	0	1 M-235	Luque de Serra	Juan	Mexico	
	25 WC-1930	1930 FIFA Men' M-1930-12	Brazil vs Bolivia	group stage	Group 2	T-09	Brazil	BRA	1	0 M-091	de Carvalho Ro	PÃ-ndaro	Brazil	
	26 WC-1930	1930 FIFA Men' M-1930-12	Brazil vs Bolivia	group stage	Group 2	T-07	Bolivia	BOL	0	1 M-381	Saucedo	Ulises	Bolivia	
	27 WC-1930	1930 FIFA Men' M-1930-13	Paraguay vs Be	group stage	Group 4	T-55	Paraguay	PRY	1	0 M-109	Durand Laguna	José	Argentina	
	28 WC-1930	1930 FIFA Men' M-1930-13	Paraguay vs Be	group stage	Group 4	T-06	Belgium	BEL	0	1 M-140	Goetinck	Hector	Belgium	
	29 WC-1930	1930 FIFA Men' M-1930-14	Uruguay vs Ror	group stage	Group 3	T-84	Uruguay	URY	1	0 M-415	Suppici	Alberto	Uruguay	
	30 WC-1930	1930 FIFA Men' M-1930-14	Uruguay vs Ror	group stage	Group 3	T-61	Romania	ROU	0	1 M-341	RÄfdulescu	Costel	Romania	
	31 WC-1930	1930 FIFA Men' M-1930-15	Argentina vs Cl	group stage	Group 1	T-03	Argentina	ARG	1	0 M-296	Olazar	Francisco	Argentina	
	32 WC-1930	1930 FIFA Men' M-1930-15	Argentina vs Cl	group stage	Group 1	T-03	Argentina	ARG	1	0 M-432	Tramutola	Juan José	Argentina	
	33 WC-1930	1930 FIFA Men' M-1930-15	Argentina vs Cl	group stage	Group 1	T-13	Chile	CHL	0	1 M-302	Orth	György	Hungary	
	34 WC-1930	1930 FIFA Men' M-1930-16	Argentina vs Ui	semi-finals	not applicable	T-03	Argentina	ARG	1	0 M-296	Olazar	Francisco	Argentina	
	35 WC-1930	1930 FIFA Men' M-1930-16	Argentina vs Ui	semi-finals	not applicable	T-03	Argentina	ARG	1	0 M-432	Tramutola	Juan José	Argentina	
	36 WC-1930	1930 FIFA Men' M-1930-16	Argentina vs Ui	semi-finals	not applicable	T-83	United States	USA	0	1 M-265	Millar	Robert	Scotland	
	37 WC-1930	1930 FIFA Men' M-1930-17	Uruguay vs Yug	semi-finals	not applicable		Uruguay	URY	1	0 M-415	Suppici	Alberto	Uruguay	
	38 WC-1930	1930 FIFA Men' M-1930-17	Uruguay vs Yug	semi-finals	not applicable		Yugoslavia	YUG	0	1 M-397	Simonović	BoÅiko	Yugoslavia	
	39 WC-1930	1930 FIFA Men' M-1930-18	Uruguay vs Arg	final	not applicable		Uruguay	URY	1	0 M-415	Suppici	Alberto	Uruguay	
	40 M/C 1920	1920 EIEA Mon' M 1920 19	Uruguayar Arg	final	not applicable		Argontina	ARG	0	1 M 206	Olozor	Francisco	Argontina	

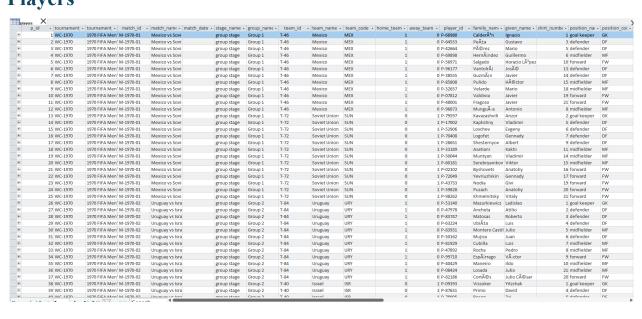
Matches



Penalty kicks



Players



Referee_appearances

	ree appearances X			1								
			match_name - match_date -								confederatic -	
3	1 WC-1930	1930 FIFA Men' M-1930-01	France vs Mexi	group stage	Group 1	R-251	Lombardi	Domingo	Uruguay	CF-4	South America	
ŧ	2 WC-1930	1930 FIFA Men' M-1930-02	United States v	group stage	Group 4	R-260	MacÃ-as	José	Argentina	CF-4	South America	
Ŧ	3 WC-1930	1930 FIFA Men' M-1930-03	Yugoslavia vs B	group stage	Group 2	R-430	Tejada	AnÃ-bal	Uruguay	CF-4	South America	
H	4 WC-1930	1930 FIFA Men' M-1930-04	Romania vs Pei	group stage	Group 3	R-472	Warnken	Alberto	Chile	CF-4	South America	
H	5 WC-1930	1930 FIFA Men' M-1930-05	Argentina vs Fr	group stage	Group 1	R-116	de Almeida RÃ		Brazil	CF-4	South America	
H	6 WC-1930	1930 FIFA Men' M-1930-06	Chile vs Mexico	group stage	Group 1	R-091	Christophe	Henri	Belgium	CF-6	Union of Europ	UEFA
Œ	7 WC-1930	1930 FIFA Men' M-1930-07	Yugoslavia vs B	group stage	Group 2	R-280	Mateucci	Francisco	Uruguay	CF-4	South America	CONMEBO
H	8 WC-1930	1930 FIFA Men' M-1930-08	United States v	group stage	Group 4	R-260	MacÃ-as	José	Argentina	CF-4	South America	CONMEBO
H	9 WC-1930	1930 FIFA Men' M-1930-09	Uruguay vs Per	group stage	Group 3	R-236	Langenus	John	Belgium	CF-6	Union of Europ	UEFA
Œ	10 WC-1930	1930 FIFA Men' M-1930-10	Chile vs France	group stage	Group 1	R-430	Tejada	AnÃ-bal	Uruguay	CF-4	South America	CONMEBOL
±	11 WC-1930	1930 FIFA Men' M-1930-11	Argentina vs M	group stage	Group 1	R-391	Saucedo	Ulises	Bolivia	CF-4	South America	CONMEBOL
H	12 WC-1930	1930 FIFA Men' M-1930-12	Brazil vs Bolivia	group stage	Group 2	R-039	Balvay	Thomas	France	CF-6	Union of Europ	UEFA
H	13 WC-1930	1930 FIFA Men' M-1930-13	Paraguay vs Be	group stage	Group 4	R-449	Vallarino	Ricardo	Uruguay	CF-4	South America	CONMEBOL
+	14 WC-1930	1930 FIFA Men' M-1930-14	Uruguay vs Ror	group stage	Group 3	R-116	de Almeida RÃ	Gilberto	Brazil	CF-4	South America	CONMEBOL
+	15 WC-1930	1930 FIFA Men' M-1930-15	Argentina vs Cl	group stage	Group 1	R-236	Langenus	John	Belgium	CF-6	Union of Europ	UEFA
+	16 WC-1930	1930 FIFA Men' M-1930-16	Argentina vs Ui	semi-finals	not applicable	R-236	Langenus	John	Belgium	CF-6	Union of Europ	UEFA
+	17 WC-1930	1930 FIFA Men' M-1930-17	Uruguay vs Yug	semi-finals	not applicable	R-116	de Almeida RÃ	Gilberto	Brazil	CF-4	South America	CONMEBOL
+	18 WC-1930	1930 FIFA Men' M-1930-18	Uruguay vs Arg	final	not applicable	R-236	Langenus	John	Belgium	CF-6	Union of Europ	UEFA
•	19 WC-1934	1934 FIFA Men' M-1934-01	Austria vs Fran	round of 16	not applicable	R-454	van Moorsel	Johannes	Netherlands	CF-6	Union of Europ	UEFA
+	20 WC-1934	1934 FIFA Men' M-1934-02	Czechoslovakia	round of 16	not applicable	R-236	Langenus	John	Belgium	CF-6	Union of Europ	UEFA
+	21 WC-1934	1934 FIFA Men' M-1934-03	Germany vs Be	round of 16	not applicable	R-284	Mattea	Francesco	Italy	CF-6	Union of Europ	UEFA
+	22 WC-1934	1934 FIFA Men' M-1934-04	Hungary vs Egy	round of 16	not applicable	R-041	Barlassina	Rinaldo	Italy	CF-6	Union of Europ	UEFA
•	23 WC-1934	1934 FIFA Men' M-1934-05	Italy vs United	round of 16	not applicable	R-296	Mercet	René	Switzerland	CF-6	Union of Europ	UEFA
+	24 WC-1934	1934 FIFA Men' M-1934-06	Spain vs Brazil	round of 16	not applicable	R-056	Birlem	Alfred	Germany	CF-6	Union of Europ	UEFA
•	25 WC-1934	1934 FIFA Men' M-1934-07	Sweden vs Arg	round of 16	not applicable	R-065	Braun	Eugen	Austria	CF-6	Union of Europ	UEFA
+	26 WC-1934	1934 FIFA Men' M-1934-08	Switzerland vs	round of 16	not applicable	R-135	Eklind	Ivan	Sweden	CF-6	Union of Europ	UEFA
•	27 WC-1934	1934 FIFA Men' M-1934-09	Austria vs Hung	quarter-finals	not applicable	R-284	Mattea	Francesco	Italy	CF-6	Union of Europ	UEFA
4	28 WC-1934	1934 FIFA Men' M-1934-10	Czechoslovakia	quarter-finals	not applicable	R-054	Beranek	Alois	Austria	CF-6	Union of Europ	UEFA
	29 WC-1934	1934 FIFA Men' M-1934-11	Germany vs Sw		not applicable		Barlassina	Rinaldo	Italy	CF-6	Union of Europ	
•	30 WC-1934	1934 FIFA Men' M-1934-12	Italy vs Spain		not applicable		Baert	Louis	Belgium	CF-6	Union of Europ	
•	31 WC-1934	1934 FIFA Men' M-1934-13	Italy vs Spain		not applicable		Mercet	René	Switzerland	CF-6	Union of Europ	
+	32 WC-1934	1934 FIFA Men' M-1934-14	Czechoslovakia	semi-finals	not applicable		Barlassina	Rinaldo	Italy	CF-6	Union of Europ	
	33 WC-1934	1934 FIFA Men' M-1934-15	Italy vs Austria	semi-finals	not applicable		Eklind	Ivan	Sweden	CF-6	Union of Europ	
	34 WC-1934	1934 FIFA Men' M-1934-16	Germany vs Au		not applicable		Carraro	Albino	Italy	CF-6	Union of Europ	
	35 WC-1934	1934 FIFA Men' M-1934-17	Italy vs Czecho	final	not applicable		Eklind	Ivan	Sweden	CF-6	Union of Europ	
4	36 WC-1938	1938 FIFA Men' M-1938-01	Switzerland vs	round of 16	not applicable		Langenus	John	Belgium	CF-6	Union of Europ	
	37 WC-1938	1938 FIFA Men' M-1938-02	Cuba vs Roman	round of 16	not applicable		Scarpi	Giuseppe	Italy	CF-6	Union of Europ	
±	38 WC-1938	1938 FIFA Men' M-1938-03	France vs Belgi	round of 16	not applicable		Wüthrich	Hans	Switzerland	CF-6	Union of Europ	
i i	39 WC-1938	1938 FIFA Men' M-1938-04	Hungary vs Dut	round of 16	not applicable		Conrié	Roger	France	CF-6	Union of Europ	
	40 MC 1939	1930 FIFA Mon! M 1930-04	Halvye Norway	round of 16	not applicable		Romanak	Alois	Auctria	CF-6	Union of Europ	

Squads

Squads squad_	ID - player_id	 team_id 	 tournament 	tournament team_name	team_code -	family_nam -	given_name •	shirt_numbe - position_nai -	position_cor -	AW_ID -	Field1	→ ke	ey_ID
	1 P-69244	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Bossio	Ãngel	0 goal keeper	GK		1		
	2 P-23160	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Botasso	Juan	0 goal keeper	GK		2		
	3 P-99230	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Cherro	Roberto	0 forward	FW		3		
	4 P-41921	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Chividini	Alberto	0 defender	DF		4		
	5 P-22739	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Della Torre	José	0 defender	DF		5		
	6 P-30720	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	DemarÃ-a	Attilio	0 forward	FW		6		
	7 P-30543	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Evaristo	Juan	0 midfielder	ME		7		
	8 P-23897	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Evaristo	Mario	0 forward	FW		8		
	9 P-60505	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Ferreira	Manuel	0 forward	FW		9		
	10 P-25760	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Monti	Luis	0 midfielder	MF	1	0		
	11 P-49556	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Muttis	Ramón	0 defender	DF	1	1		
	12 P-91238	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Orlandini	Rodolfo	0 midfielder	MF	1	2		
	13 P-58537	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Paternoster	Fernando	0 defender	DF	1			
	14 P-24312	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Perinetti	Natalio	0 forward	FW	1			
	15 P-70166	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Peucelle	Carlos	0 forward	FW	1			
	16 P-49151	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Piaggio	Edmundo	0 defender	DF	1			
	17 P-44916	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Scopelli	Alejandro	0 forward	FW	1			
	18 P-21441	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Spadaro	Carlos	0 forward	FW	1			
	19 P-56486	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	StÃjbile	Guillermo	0 forward	FW	1			
	20 P-56908	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	SuÃjrez	Arico	0 midfielder	MF	2			
	21 P-37326	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Varallo	Francisco	0 forward	FW	2			
	22 P-76546	T-03	WC-1930	1930 FIFA Men' Argentina	ARG	Zumelzú	Adolfo	0 midfielder	MF	2			
	23 P-92795	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Adams	Ferdinand	0 forward	FW	2			
	24 P-20690	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Badjou	Arnold	0 goal keeper	GK	2			
	25 P-40714	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Braine	Pierre	0 midfielder	MF	2			
	26 P-41990	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Chantraine	Alexis	0 midfielder	MF	2			
	27 P-97126	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	De Bie	Jean	0 goal keeper	GK	2			
	28 P-93713	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	De Clercq	Jean	0 midfielder	MF	2			
	29 P-41710	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	De Deken	Henri	0 defender	DF	2			
	30 P-45315	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Delbeke	Gérard	0 midfielder	MF	3			
	31 P-16891	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Diddens	Jan	0 forward	FW	3			
	32 P-61253	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Hellemans	August	0 midfielder	MF	3			
	33 P-44475	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Hovdonckx	Nic	0 defender	DF	3			
	34 P-74839	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Moeschal	Jacques	0 forward	FW	3			
	35 P-46390	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Nouwens	Theodore	0 defender	DF	3			
	36 P-28503	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Saevs	André	0 forward	FW	3			
	37 P-69286	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Versyp	Louis	0 forward	FW	3			
	38 P-85443	T-06	WC-1930	1930 FIFA Men' Belgium	BEL	Voorhoof	Bernard	0 forward	FW	3			
	39 P-43807	T-07	WC-1930	1930 FIFA Men' Bolivia	BOL	Alborta	Mario	0 forward	FW	3			
	40 D 62751	T 07	WC-1930	1920 FIEA Mon' Polivia	POL	Argoto	luan	0 midfiolder	ME	3			

Substitutions

Substitutions	×														>
substitution		tournament · match_id		ch_date • stage_name •					 home_team - away_team 				shirt_numb(• minute		te_stor • n
S-0001	WC-1970	1970 FIFA Men' M-1970-01	Mexico vs Sovi	group stage	Group 1	T-72	Soviet Union		0	1 P-60181	Serebryanikov		15	46	0 s
S-0002	WC-1970	1970 FIFA Men' M-1970-01	Mexico vs Sovi	group stage	Group 1	T-72	Soviet Union		0	1 P-59828	Puzach	Anatoliy	20	46	0 s
S-0003	WC-1970	1970 FIFA Men M-1970-01	Mexico vs Sovi	group stage	Group 1	T-72	Soviet Union	SUN	0	1 P-43733	Nodia	Givi	19	66	0 se
S-0004	WC-1970	1970 FIFA Men M-1970-01	Mexico vs Sovi	group stage	Group 1	T-72	Soviet Union	SUN	0	1 P-98262	Khmelnitsky	Vitaly	21	66	0 se
S-0005	WC-1970	1970 FIFA Men M-1970-01	Mexico vs Sovi	group stage	Group 1	T-46	Mexico	MEX	1	0 P-32657	Velarde	Mario	18	67	0 se
S-0006	WC-1970	1970 FIFA Men' M-1970-01	Mexico vs Sovi	group stage	Group 1	T-46	Mexico	MEX	1	0 P-96873	MunguÃ-a	Antonio	8	67	0 se
S-0007	WC-1970	1970 FIFA Men M-1970-02	Uruguay vs Isra	group stage	Group 2	T-84	Uruguay	URY	1	0 P-47892	Rocha	Pedro	8	12	0 fi
S-0008	WC-1970	1970 FIFA Men' M-1970-02	Uruguay vs Isra	group stage	Group 2	T-84	Uruguay	URY	1	0 P-82186	Cortés	Julio Cîsar	20	12	0 fi
S-0009	WC-1970	1970 FIFA Men' M-1970-02	Uruguay vs Isra	group stage	Group 2	T-40	Israel	ISR	0	1 P-86314	Talbi	Rachamim	15	46	0 se
S-0010	WC-1970	1970 FIFA Men' M-1970-02	Uruguay vs Isra	group stage	Group 2	T-40	Israel	ISR	0	1 P-08449	Bar	Shraga	2	46	0 se
S-0011	WC-1970	1970 FIFA Men' M-1970-02	Uruguay vs Isra	group stage	Group 2	T-40	Israel	ISR	0	1 P-37385	Shmulevich-Re	Danny	14	57	0 se
S-0012	WC-1970	1970 FIFA Men' M-1970-02	Uruguay vs Isra	group stage	Group 2	T-40	Israel	ISR	0	1 P-60216	Vollach	Yochanan	16	57	0 se
S-0013	WC-1970	1970 FIFA Men' M-1970-03	England vs Ron	group stage	Group 3	T-28	England	ENG	1	0 P-79568	Newton	Keith	2	51	0 se
S-0014	WC-1970	1970 FIFA Men' M-1970-03	England vs Ron	group stage	Group 3	T-28	England	ENG	1	0 P-22176	Wright	Tommy	14	51	0 se
S-0015	WC-1970	1970 FIFA Men M-1970-03	England vs Ron	group stage	Group 3	T-61	Romania	ROU	0	1 P-21011	TÄftaru	Gheorghe	17	73	0 se
S-0016	WC-1970	1970 FIFA Men' M-1970-03	England vs Ron	group stage	Group 3	T-61	Romania	ROU	0	1 P-50489	Neagu	Alexandru	16	73	0 se
S-0017	WC-1970	1970 FIFA Men M-1970-03	England vs Ron	group stage	Group 3	T-28	England	ENG	1	0 P-88728	Lee	Francis	7	75	0 se
S-0018	WC-1970	1970 FIFA Men' M-1970-03	England vs Ron	group stage	Group 3	T-28	England	ENG	1	0 P-11917	Osgood	Peter	20	75	0 se
S-0019	WC-1970	1970 FIFA Men M-1970-04	Peru vs Bulgari	group stage	Group 4	T-56	Peru	PER	1	0 P-30953	Campos	Eloy	2	29	0 fir
S-0020	WC-1970	1970 FIFA Men M-1970-04	Peru vs Bulgari	group stage	Group 4	T-56	Peru	PER	1	0 P-38889	GonzÃjlez	Javier	15	29	0 fir
S-0021	WC-1970	1970 FIFA Men' M-1970-04	Peru vs Bulgari	group stage	Group 4	T-56	Peru	PER	1	0 P-64457	BaylÃ ³ n	Julio	8	51	0 se
S-0022	WC-1970	1970 FIFA Men M-1970-04	Peru vs Bulgari	group stage	Group 4	T-56	Peru	PER	1	0 P-49357	Sotil	Hugo	20	51	0 se
S-0023	WC-1970	1970 FIFA Men M-1970-04	Peru vs Bulgari	group stage	Group 4	T-10	Bulgaria	BGR	0	1 P-02372	Popov	Georgi	7	59	0 se
S-0024	WC-1970	1970 FIFA Men' M-1970-04	Peru vs Bulgari	group stage	Group 4	T-10	Bulgaria	BGR	0	1 P-28376	Marashliev	Dimitar	18	59	0 se
S-0025	WC-1970	1970 FIFA Men M-1970-04	Peru vs Bulgari	group stage	Group 4	T-10	Bulgaria	BGR	0	1 P-63835	Bonev	Hristo	8	73	0 se
S-0026	WC-1970	1970 FIFA Men' M-1970-04	Peru vs Bulgari	group stage	Group 4	T-10	Bulgaria	BGR	0	1 P-72803	Asparuhov	Georgi	19	73	0 se
S-0027	WC-1970	1970 FIFA Men M-1970-05	Belgium vs El S	group stage	Group 1	T-27	El Salvador	SLV	0	1 P-98965	Manzano	Mauricio	14	67	0 se
S-0028	WC-1970	1970 FIFA Men M-1970-05	Belgium vs El S	group stage	Group 1	T-27	El Salvador	SLV	0	1 P-54377	Cortés	Santiago	4	67	0 se
S-0029	WC-1970	1970 FIFA Men' M-1970-05	Belgium vs El S	group stage	Group 1	T-06	Belgium	BEL	1	0 P-67478	Semmeling	Léon	7	79	0 se
S-0030	WC-1970	1970 FIFA Men M-1970-05	Belgium vs El S	group stage	Group 1	T-06	Belgium	BEL	1	0 P-42364	Polleunis	Odilon	16	79	0 se
S-0031	WC-1970	1970 FIFA Men M-1970-05	Belgium vs El S	group stage	Group 1	T-27	El Salvador	SLV	0	1 P-83098	RodrÃ-guez	Mauricio	7	80	0 se
S-0032	WC-1970	1970 FIFA Men' M-1970-05	Belgium vs El S	group stage	Group 1	T-27	El Salvador	SLV	0	1 P-86181	Sarmeno	Genaro	16	80	0 se
S-0033	WC-1970	1970 FIFA Men M-1970-06	Italy vs Sweder	group stage	Group 2	T-41	Italy	ITA	1	0 P-77413	Niccolai	Comunardo	7	37	0 fir
S-0034	WC-1970	1970 FIFA Men' M-1970-06	Italy vs Sweder	group stage	Group 2	T-41	Italy	ITA	1	0 P-45085	Rosato	Roberto	8	37	0 fir
S-0035	WC-1970	1970 FIFA Men' M-1970-06	Italy vs Sweder	group stage	Group 2	T-74	Sweden	SWE	0	1 P-61735	Eriksson	Leif	8	68	0 se
S-0036	WC-1970	1970 FIFA Men' M-1970-06	Italy vs Sweder	group stage	Group 2	T-74	Sweden	SWE	0	1 P-71589	Eiderstedt	Inge	21	68	0 se
S-0037	WC-1970	1970 FIFA Men' M-1970-06	Italy vs Sweder	group stage	Group 2	T-74	Sweden	SWE	0	1 P-86931	Larsson	Во	7	80	0 se
S-0038	WC-1970	1970 FIFA Men' M-1970-06	Italy vs Sweder	group stage	Group 2	T-74	Sweden	SWE	0	1 P-05872	Nicklasson	Göran	19	80	0 se
S-0039	WC-1970	1970 FIFA Men' M-1970-07	Brazil vs Czechi	group stage	Group 3	T-21	Czechoslovaki		0	1 P-48978	HrdliÄka	Ivan	16	46	0 se
5 0040	WC 1970	1970 EIEA Mon' M 1970 07	Brozil us Czoch	group stage	Group 3	T 21	Czochorlovski		0	1 0 25700	Managara Aria	Androi		46	0.00

Queries to Perform

- 1. **Player Performance**: List top players based on goals scored, penalties converted, or disciplinary records.
- **2**. **Team Performance**: Evaluate team statistics such as wins, goals scored, and progression to knockout stages.
- 3. Match Analysis: Retrieve detailed match data, including scores, goals, and player substitutions.
- 4. **Award Insights**: Identify players or teams receiving specific awards across tournaments.
- 5. **Penalty Success Rates**: Analyze penalty kick conversion rates by players or teams.
- 6. **Group Standings**: Display updated group rankings with performance metrics.
- 7. Manager Impact: Assess team performance under specific managers.

Specific Queries

Query1) Which tournament had the most awards?

```
Code: SELECT [tournament_name] AS Tournament,
COUNT([award_id]) AS Total_Awards FROM Award_winners
GROUP BY [tournament_name] ORDER BY
COUNT([award id]) DESC;
```

4	Tournament -	Total_Awards 🕶
	1994 FIFA Men's World Cup	9
	1986 FIFA Men's World Cup	8
	1990 FIFA Men's World Cup	8
	2022 FIFA Men's World Cup	8
	1998 FIFA Men's World Cup	8
	1999 FIFA Women's World Cup	8
	2002 FIFA Men's World Cup	8
	2006 FIFA Men's World Cup	8
	2010 FIFA Men's World Cup	8
	2011 FIFA Women's World Cup	8
	2014 FIFA Men's World Cup	8
	2015 FIFA Women's World Cup	8
	2018 FIFA Men's World Cup	8
	2019 FIFA Women's World Cup	8

Query2) Which players won best young player of the tournament?

Code: SELECT [player_id], [given_name] AS First_Name,
[family_name] AS Last_Name, [team_name] AS Team,
[tournament_name] AS Tournament FROM Award_winners
WHERE [award name] = "Best Young Player";

Output:

/	player_id -	First_Name 🔻	Last_Name -	Team 🔻	Tournament -
	P-38906	not applicable	Pelé	Brazil	1958 FIFA Men's World Cup
	P-21188	Flórián	Albert	Hungary	1962 FIFA Men's World Cup
	P-72864	Franz	Beckenbauer	West Germany	1966 FIFA Men's World Cup
	P-96979	Teófilo	Cubillas	Peru	1970 FIFA Men's World Cup
	P-48883	WÅ,adysÅ,aw	Żmuda	Poland	1974 FIFA Men's World Cup
	P-03775	Antonio	Cabrini	Italy	1978 FIFA Men's World Cup
	P-69834	Manuel	Amoros	France	1982 FIFA Men's World Cup
	P-97414	Enzo	Scifo	Belgium	1986 FIFA Men's World Cup
	P-62861	Robert	ProsineÄki	Yugoslavia	1990 FIFA Men's World Cup
	P-33834	Marc	Overmars	Netherlands	1994 FIFA Men's World Cup
	P-51130	Michael	Owen	England	1998 FIFA Men's World Cup
	P-05728	Landon	Donovan	United States	2002 FIFA Men's World Cup
	P-36287	Lukas	Podolski	Germany	2006 FIFA Men's World Cup
	P-28154	Thomas	Müller	Germany	2010 FIFA Men's World Cup
	P-87785	Caitlin	Foord	Australia	2011 FIFA Women's World Cup
	P-17509	Paul	Pogba	France	2014 FIFA Men's World Cup
	P-60142	Kadeisha	Buchanan	Canada	2015 FIFA Women's World Cup
	P-64077	Kylian	Mbappé	France	2018 FIFA Men's World Cup
	P-91637	Giulia	Gwinn	Germany	2019 FIFA Women's World Cup
	P-10739	Enzo	FernÄindez	Argentina	2022 FIFA Men's World Cup

Query3) Which game had the most cards?

```
Code: SELECT Bookings.match_id, Bookings.match_name
AS [Match], COUNT(Bookings.yellow_card) AS
Yellow_Card_Count
FROM Bookings
WHERE Bookings.yellow_card = 1
GROUP BY Bookings.match_id, Bookings.match_name
ORDER BY COUNT(Bookings.yellow card) DESC;
```

Output:

	dentify Most I	Penalized Matches (Yellow Cards)	X		
4	match_id 🔻	Match		*	Yellow_Card_Count -
	M-2002-35	Cameroon vs Germany			14
	M-2002-34	Senegal vs Uruguay			12
	M-2006-52	Portugal vs Netherlands			12
	M-2002-53	Mexico vs United States			10
	M-2006-47	Switzerland vs South Korea			10
	M-2010-64	Netherlands vs Spain			9
	M-1994-43	Nigeria vs Italy			9
	M-1990-29	Austria vs United States			9

Query4) Which Brazilian players won world cup awards?

```
Code: SELECT DISTINCT [player_id], [given_name] AS
First_Name, [family_name] AS Last_Name, [team_name]
AS Team
FROM Award_winners
WHERE [team_name] = "Brazil";
```

Get Details of	All Players Who Wo	on Awards from a S	pecific Team
player_id -	First_Name -	Last_Name →	Team 🔻
P-07458	not applicable	Marta	Brazil
P-09730	not applicable	Leônidas	Brazil
P-22428	not applicable	Chico	Brazil
P-35736	not applicable	Falcão	Brazil
P-37483	not applicable	Zico	Brazil
P-38906	not applicable	Pelé	Brazil
P-45310	not applicable	VavÃi	Brazil
P-46080	not applicable	Garrincha	Brazil
P-49381	not applicable	Ademir	Brazil
P-57452	not applicable	Sissi	Brazil
P-61251	not applicable	RomÃirio	Brazil
P-62722	not applicable	Ronaldo	Brazil
P-74261	not applicable	Rivaldo	Brazil
P-77430	not applicable	Jairzinho	Brazil
P-87008	not applicable	Neymar	Brazil
P-89519	not applicable	Dirceu	Brazil
P-90420	not applicable	KÃitia	Brazil
P-90635	not applicable	Careca	Brazil
P-93057	not applicable	Cristiane	Brazil

Query5) Which players have won multiple awards?

Code: SELECT [player_id], [given_name] AS
First_Name, [family_name] AS Last_Name,
COUNT([award_id]) AS Total_Awards FROM
[Award_winners] GROUP BY [player_id], [given_name],
[family_name] HAVING COUNT([award_id]) > 1 ORDER BY
COUNT([award_id]) DESC;

Output:

	List All Players Who Won Multiple Awards					
4		First_Name 🔻		Total_Awards -		
	P-28154	Thomas	Müller	4		
	P-62722	not applicable	Ronaldo	4		
	P-52478	Birgit	Prinz	3		
	P-07458	not applicable	Marta	3		
	P-29915	Ann Kristin	Aarønes	3		
	P-64077	Kylian	Mbappé	3		
	P-54794	Michelle	Akers	3		
	P-80404	Diego	Maradona	3		
	P-80833	Норе	Solo	3		
	P-14758	Lionel	Messi	3		
	P-89236	Abby	Wambach	3		
	P-91717	Paolo	Rossi	3		
	P-96979	Teófilo	Cubillas	3		

Query6) Which players shared tournament awards?

Code: SELECT [player_id], [given_name] AS First_Name,
[family_name] AS Last_Name, [award_name] AS Award,
[tournament_name] AS Tournament FROM Award_winners
WHERE [shared] = 1;

G	Players Who Shared Awards					
1	player_id 🔻	First_Name -	Last_Name -	Award -	Tournament	*
	P-77348	Edmund	Conen	Silver Boot	1934 FIFA Men's World Cup	
	P-56703	Angelo	Schiavio	Silver Boot	1934 FIFA Men's World Cup	
	P-65885	Silvio	Piola	Silver Boot	1938 FIFA Men's World Cup	
	P-89034	György	SÃirosi	Silver Boot	1938 FIFA Men's World Cup	
	P-67652	Gyula	Zsengellér	Silver Boot	1938 FIFA Men's World Cup	
	P-26928	Estanislau	Basora	Bronze Boot	1950 FIFA Men's World Cup	
	P-22428	not applicable	Chico	Bronze Boot	1950 FIFA Men's World Cup	
	P-16302	Alcides	Ghiggia	Bronze Boot	1950 FIFA Men's World Cup	
	P-65220	Telmo	Zarra	Bronze Boot	1950 FIFA Men's World Cup	
	P-14406	Josef	Hügi	Silver Boot	1954 FIFA Men's World Cup	
	P-05766	Max	Morlock	Silver Boot	1954 FIFA Men's World Cup	

Query7) Which goalkeepers have won the world cup golden glove?

Code: SELECT family_name, given_name, team_name,
tournament_name
FROM Award_winners
WHERE award name = 'Golden Glove';

Output:

	players who winner	d awards		
4	family_name -	given_name -	team_name 🔻	tournament_name -
	Preud'homme	Michel	Belgium	1994 FIFA Men's World Cup
	Barthez	Fabien	France	1998 FIFA Men's World Cup
	Gao	Hong	China	1999 FIFA Women's World Cup
	Scurry	Briana	United States	1999 FIFA Women's World Cup
	Kahn	Oliver	Germany	2002 FIFA Men's World Cup
	Rottenberg	Silke	Germany	2003 FIFA Women's World Cup
	Buffon	Gianluigi	Italy	2006 FIFA Men's World Cup
	Angerer	Nadine	Germany	2007 FIFA Women's World Cup
	Casillas	Iker	Spain	2010 FIFA Men's World Cup
	Solo	Норе	United States	2011 FIFA Women's World Cup
	Neuer	Manuel	Germany	2014 FIFA Men's World Cup
	Solo	Норе	United States	2015 FIFA Women's World Cup
	Courtois	Thibaut	Belgium	2018 FIFA Men's World Cup
	van Veenendaal	Sari	Netherlands	2019 FIFA Women's World Cup
	MartÃ-nez	Emiliano	Argentina	2022 FIFA Men's World Cup

Query8) Which players won the world cup golden boot?

Code: SELECT [player_id], [given_name] AS First_Name,
[family_name] AS Last_Name, [team_name] AS Team,
[tournament_name] AS Tournament FROM Award_winners
WHERE [award_name] = "Golden Boot";

player_id -	First_Name •	Last_Name •	Team •	Tournament
P-56486	Guillermo	StÃibile	Argentina	1930 FIFA Men's World Cup
P-60513	Oldřich	Nejedlý	Czechoslovakia	1934 FIFA Men's World Cup
P-09730	not applicable	LeÃ'nidas	Brazil	1938 FIFA Men's World Cup
P-49381	not applicable	Ademir	Brazil	1950 FIFA Men's World Cup
P-07028	SÃindor	Kocsis	Hungary	1954 FIFA Men's World Cup
P-77939	Just	Fontaine	France	1958 FIFA Men's World Cup
P-21188	FlóriÃin	Albert	Hungary	1962 FIFA Men's World Cup
P-46080	not applicable	Garrincha	Brazil	1962 FIFA Men's World Cup
P-11702	Valentin	Ivanov	Soviet Union	1962 FIFA Men's World Cup
P-55024	DraÅ%an	Jerković	Yugoslavia	1962 FIFA Men's World Cup
P-22224	Leonel	SÃinchez	Chile	1962 FIFA Men's World Cup
P-45310	not applicable	VavÃi	Brazil	1962 FIFA Men's World Cup
P-89392	James	RodrÃ-guez	Colombia	2014 FIFA Men's World Cup
P-66612	Célia	Å aÅjić	Germany	2015 FIFA Women's World Cup
P-58924	Harry	Kane	England	2018 FIFA Men's World Cup
	Land William Control	Land Control of the C		

Query9) Which manager has the most world cup appearances?

```
Code: SELECT manager_id, family_name, given_name,
tournament_name, COUNT(match_id) AS MatchesManaged
FROM Manager_appearances

GROUP BY manager_id, family_name, given_name,
tournament_name

ORDER BY COUNT(match_id) DESC;
```

Managers V	With The Most World Cup	Appearances X		
manager_i			tournament_name +	MatchesManaged -
M-389	Scolari	Luiz Felipe	2006 FIFA Men's World Cup	
M-086	Coutinho	ClÃjudio	1978 FIFA Men's World Cup	
M-260	Michels	Rinus	1974 FIFA Men's World Cup	
M-113	Ellis	Jill	2015 FIFA Women's World Cup	
M-259	Michel	Henri	1986 FIFA Men's World Cup	
M-113	Ellis	Jill	2019 FIFA Women's World Cup	
M-317	Penev	Dimitar	1994 FIFA Men's World Cup	
M-234	Löw	Joachim	2014 FIFA Men's World Cup	
M-389	Scolari	Luiz Felipe	2014 FIFA Men's World Cup	
M-311	Parreira	Carlos Alberto	1994 FIFA Men's World Cup	
M-389	Scolari	Luiz Felipe	2002 FIFA Men's World Cup	
M-444	van Gaal	Louis	2014 FIFA Men's World Cup	
M-097	Deschamps	Didier	2018 FIFA Men's World Cup	
M-243	MartÃ-nez	Roberto	2018 FIFA Men's World Cup	
M-287	Neville	Phil	2019 FIFA Women's World Cup	
M-388	Schön	Helmut	1974 FIFA Men's World Cup	
M-254	Menotti	César Luis	1978 FIFA Men's World Cup	
M-094	del Bosque	Vicente	2010 FIFA Men's World Cup	
M-418	Svensson	Tommy	1994 FIFA Men's World Cup	
M-097	Deschamps	Didier	2022 FIFA Men's World Cup	

Query10) Which team has the most yellow cards throughout the tournament's history?

```
Code: SELECT [team_name] AS Team,
COUNT([yellow_card]) AS Yellow_Card_Count FROM
Bookings WHERE [yellow_card] = 1 GROUP BY
[team_name] ORDER BY COUNT([yellow_card]) DESC;
```

Output:

	Yellow Card Analy	ysis by Team
4	Team 🔻	Yellow_Card_Count -
	Brazil	135
	Argentina	126
	Germany	109
	Netherlands	99
	Italy	99
	United States	88
	South Korea	88
	Mexico	84
	France	81
	Sweden	75

Query11) Which referees officiated the most matches?

Best Young Player						
∠ referee_id →	family_nam -	given_name 🕶	TotalMatche -			
R-202	Irmatov	Ravshan	11			
R-342	Petignat	Nicole	10			
R-346	Pitana	Néstor	9			
R-400	Seitz	Kari	9			
R-322	Ogston	Tammy	9			
R-120	Denoncourt	Sonia	9			
R-238	Larrionda	Jorge	8			
R-357	Quiniou	JoëI	8			
R-025	Archundia	Benito	8			
R-179	Griffiths	Sandy	7			
R-090	Chenard	Carol Anne	7			
R-153	Frappart	Stéphanie	7			

Assumptions and Constraints

- Each tournament is uniquely identified by tournament_id and accurately records all related events
- Players, teams, and managers are correctly registered, adhering to FIFA's rules and guidelines.
- Matches follow FIFA's tournament rules, including tiebreakers, extra time, and penalty shootouts.
- Group standings are calculated based on FIFA's point system.
- Historical data integrity is maintained, and no changes are made after verification.

Forms

Objective:

The World Cup Database is a robust system developed to facilitate the management, analysis, and retrieval of detailed information about FIFA World Cup tournaments. This includes data related to tournaments, teams, players, matches, and associated statistics. The following document provides a detailed overview of the design and functionality of the forms, which are integral to ensuring a seamless user experience in managing the database.

Design and Functionality:

The forms are meticulously designed to serve as user-friendly interfaces for data entry and management. Each form integrates:

- **Text Boxes:** For free-form input, allowing flexibility in entering diverse data values.
- Combo Boxes: For standardized selection of specific values, such as predefined options like award categories (e.g., one of six available awards).

Supported Operations:

1. Tournament Management

- Enable the addition of new tournament records with details such as host country, year, and related metadata.
- Support updates to existing tournament information for accurate historical data maintenance.
- Facilitate deletion of outdated or incorrect tournament entries.

2. Team Management

- Allow registration of teams participating in FIFA World Cup tournaments.
- Provide functionality to update team details, ensuring accurate tracking of changes over time.
- Monitor team performance and progress across multiple tournaments.

3. Player Profiles

- Maintain comprehensive player profiles, including personal information (e.g., name, age, nationality) and performance data (e.g., goals scored, matches played).
- Support adding, updating, and managing player-related information efficiently.

4. Match Management

- Record detailed match data, including participating teams, final scores, venues, and match dates.
- Ensure accurate documentation of match events to facilitate historical analysis.

5. Statistics Tracking

- Capture and manage critical statistics such as goals scored, assists, and disciplinary actions (e.g., yellow/red cards).
- Provide an easy-to-use interface for updating and reviewing statistical data.

Key Features:

- **Intuitive Interface:** Designed to minimize user errors and facilitate quick data entry.
- **Consistency:** Standardized fields and dropdowns to ensure uniformity in data recording.
- **Flexibility:** Supports both structured (combo box) and unstructured (text box) data inputs.

Matches Records Form



Award Winners Records Form



Conclusion

This project successfully implemented a comprehensive database system designed to manage, analyze, and query World Cup-related data effectively. The database captured key entities, including players, teams, tournaments, awards, bookings, referees, and managers, each linked through well-defined relationships. Using Microsoft Access, we demonstrated the database's functionality by creating tables, establishing relationships, and running advanced queries to derive meaningful insights.

Achievements

- **Robust Design:** The database structure was optimized for clarity and efficiency, leveraging normalization techniques to minimize redundancy.
- Comprehensive Queries: We developed a suite of queries that offered deep insights, such as identifying players with the most awards, analyzing referee performance, and ranking teams based on disciplinary records.
- **User-Friendly Forms:** Customized forms were created to simplify data entry and editing, ensuring a user-friendly experience for database administrators.
- Effective Evaluation: Testing and evaluation validated the database's functionality, confirming that it met the project requirements and objectives.

Challenges

- **Data Integration:** Integrating data from various sources required careful mapping to ensure consistency and accuracy across entities.
- Complex Relationships: Designing and implementing relationships among entities like players, awards, and bookings while maintaining referential integrity was technically challenging.
- Query Optimization: Some advanced queries, such as calculating averages and ranking entities, required iterative testing to ensure accuracy and performance.

Future Improvements

- Enhanced Reporting: Integrating advanced reporting tools could provide dynamic visualizations and dashboards for better data interpretation.
- **Scalability:** Expanding the database to include more historical data, additional tournaments, or new metrics like player fitness statistics or audience attendance.
- Security Features: Adding user authentication and role-based access controls to enhance data security and protect sensitive information.

List of References

Fjelstul, Joshua C. "The Fjelstul World Cup Database v.1.2.0." July 19, 2023. https://www.github.com/jfjelstul/worldcup.