

Functional Dependencies Of Relations Of Sports Schema

COLLEGE

<u>College_id</u>	college_name	city	state
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Functional Dependencies

College_id → college_name

College_id → city

College_id → state

GAMES

<u>Game_name</u>	No. of players
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Functional Dependencies

Game_name → No. of players

TEAMS

<u>Team_id</u>	College_id	Team_name	Game_name	Captain_id	Mentor_id
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Functional Dependencies

Team_id → College_id

Team_id → Team_name

Team_id → Game_name

Team_id → Captain_id

Team_id → Mentor_id

Captain_id → Team_id

Mentor_id → Team_id

MENTOR

<u>Mentor_id</u>	Mentor_name	Phone_number	College_id
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Functional Dependencies

Mentor_id → College_id

Mentor_id → Mentor_name

Mentor_id → Phone_number

Players

<u>Pid</u>	Team_id	Fname	Midname	Lname	Email_id
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Functional Dependencies

Pid → Team_id

Pid → Fname

Pid → Midname

Pid → Lname

Pid -->> Email_id

Match Scheduler

<u>Match_no</u>	Team1_id	Team2_id	Match_date
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Functional Dependencies

Match_no → Match_date

Match_no → Team1_id

Match_no → Team2_id

Cricket

<u>Match_no</u>	Team1_id	Team2_id	Team1_score	Team2_score	Winner_id
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Functional Dependencies

Match_no → Team1_id

Match_no → Team2_id

Match_no → Team1_score

Match_no → Team2_score

Match_no → Winner_id

Cricket Points

<u>Team_id</u>	Matches_Played	Win	Lose	Points
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Functional Dependencies

Team_id → Matches_Played

Team_id → Win

Team_id → Lose

Team_id → Points

Cric Players Points

<u>Pid</u>	Matches_Played	Runs	Wickets
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Functional Dependencies

Pid → Matches_Played

Pid → Runs

Pid → Wickets

Basketball

<u>Match_no</u>	Team1_id	Team2_id	Team1_score	Team2_score	Winner_id
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Functional Dependencies

Match_no → Team1_id

Match_no → Team2_id

Match_no → Team1_score

Match_no → Team2_score

Match_no → Winner_id

Basketball Points

<u>Team_id</u>	Matches_Played	Win	Lose	Points
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Functional Dependencies

Team_id → Matches_Played

Team_id → Win

Team_id → Lose

Team_id → Points

Basketball Players Points

<u>Pid</u>	Matches_Played	Basket	Fouls
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Functional Dependencies

Pid → Matches_Played

Pid → Basket

Pid → Fouls

Chess

<u>Match_no</u>	Team1_id	Team2_id	Team1_score	Team2_score	Winner_id
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Functional Dependencies

Match_no → Team1_id

Match_no → Team2_id

Match_no → Team1_score

Match_no → Team2_score

Match_no → Winner_id

Chess Players Match

<u>Match_no.</u>	<u>SubMatch_no</u>	Match_date	Pid1_id	Pid2_id	Winner_id	Time
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Functional Dependencies

{ Match_no, SubMatch_no } → Match_date

{ Match_no, SubMatch_no } → Pid1_id

{ Match_no, SubMatch_no } → Pid2_id

{ Match_no, SubMatch_no } → Winner_id

{ Match_no, SubMatch_no } → Time

Chess Points

<u>Team_id</u>	Matches_Played	Win	Lose	Points
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Functional Dependencies

Team_id → Matches_Played

Team_id → Win

Team_id → Lose

Team_id → Points