

CS-586 Introduction to Databases Winter 2019 Quarter

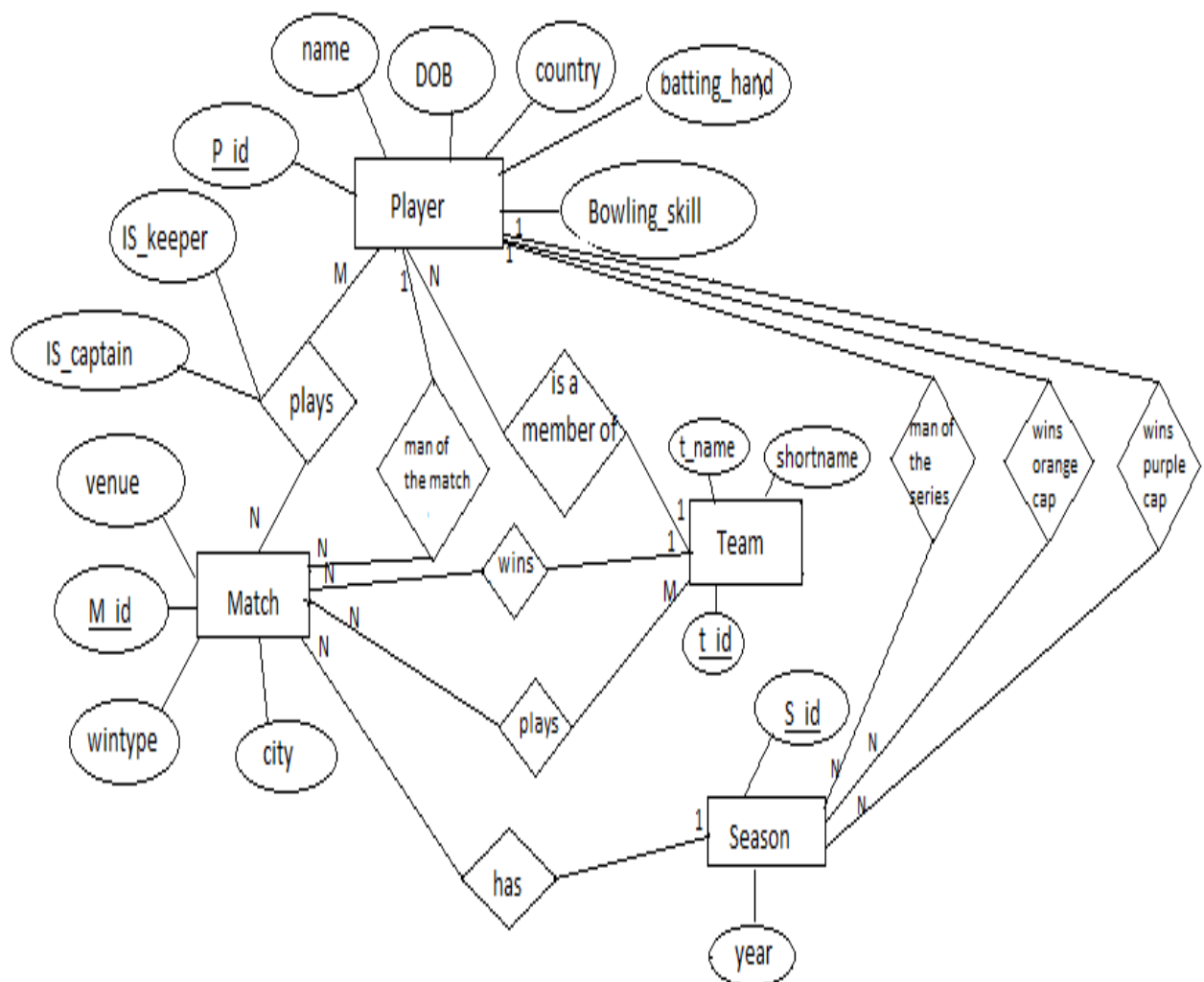
Graduate Project Database Implementation- part 3

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- ER-DIAGRAM:



(No changes has been made during the implementation process)

- **CREATE TABLE STATEMENTS OF DIFFERENT TABLES**

1) Create table season:

```
CREATE TABLE season( s_id INT PRIMARY KEY,  
                      year INT,  
                      man_of_the_series_id INT,  
                      purple_cap_id INT,  
                      orange_cap_id INT,  
                      FOREIGN KEY(man_of_the_series_id) REFERENCES player(p_id),  
                      FOREIGN KEY(purple_cap_id) REFERENCES player(p_id),  
                      FOREIGN KEY(orange_cap_id) REFERENCES player(p_id)  
                      );
```

```
SELECT * FROM w19tdb35.season;
```

Submit

No rows found.

2) Create table player:

```
CREATE TABLE player( p_id INT PRIMARY KEY,  
                      name VARCHAR(50),  
                      batting_hand VARCHAR(50),  
                      bowling_skill VARCHAR(50),  
                      country VARCHAR(30)  
                      );
```

```
SELECT * FROM w19tdb35.player;
```

Submit

No rows found.

3) Create table team:

```
CREATE TABLE team ( t_id INT PRIMARY KEY,  
                    t_name VARCHAR (70),  
                    shortname VARCHAR (10));
```

```
SELECT * FROM team;
```

Submit

No rows found.

4) Create table match:

```
CREATE TABLE match ( m_id INT PRIMARY KEY,  
                    venue VARCHAR(70),  
                    t1_id INT,  
                    t2_id INT,  
                    wintype VARCHAR(30),  
                    city VARCHAR(30),  
                    man_of_the_match_id INT,  
                    match_winner INT,  
                    season_id INT,  
                    FOREIGN KEY(man_of_the_match_id) REFERENCES player(p_id),  
                    FOREIGN KEY(match_winner) REFERENCES team(t_id),  
                    FOREIGN KEY(season_id) REFERENCES season(s_id),  
                    FOREIGN KEY(t1_id) REFERENCES team(t_id),  
                    FOREIGN KEY(t2_id) REFERENCES team(t_id),  
                    );|
```

```
SELECT * FROM w19tdb35.match;
```

Submit

No rows found.

5) Create table player_match

```
CREATE TABLE player_match (match_id INT,  
                             player_id INT,  
                             is_keeper INT,  
                             is_captain INT,  
                             PRIMARY KEY(match_id,player_id),  
                             FOREIGN KEY(match_id)REFERENCES match(m_id),  
                             FOREIGN KEY(player_id)REFERENCES player(p_id)  
                             );
```

```
SELECT * FROM w19tdb35.player_match;
```

Submit

No rows found.

6) Create table player_team

```
CREATE TABLE player_team ( player_id INT,  
                             team_id INT,  
                             PRIMARY KEY(player_id,team_id),  
                             FOREIGN KEY(player_id) REFERENCES player(p_id),  
                             FOREIGN KEY(team_id) REFERENCES team(t_id)  
                             );
```

```
SELECT * FROM w19tdb35.player_team;
```

Submit

No rows found.

- **BRIEF DESCRIPTION ABOUT DATA POPULATION**

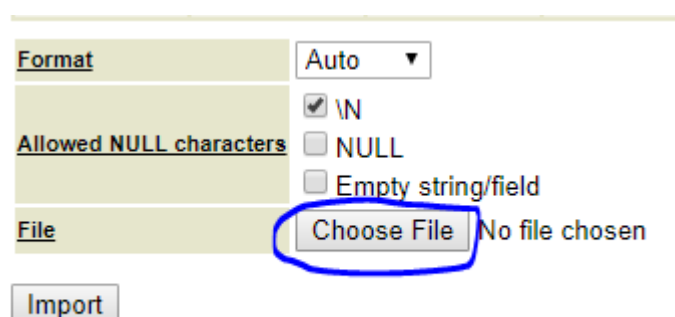
The source of the data for the above tables is: <https://www.kaggle.com/harsha547/indian-premier-league-csv-dataset/version/2>. The data is in CSV format and is sufficient to populate the 5 created tables namely, player, team, season, player_match and match.

I created a separate CSV file from the downloaded data to populate my sixth table player_team. I used postgresql and accessed the database using <https://dbclass.cs.pdx.edu/>. I have created my tables under the schema named w19tdb35. For populating the database inside the tables I hit the import button,



Column	Type	Not Null	Default	Constraints	Actions	Comment
m_id	integer	NOT NULL			Browse Alter Privileges Drop	
venue	character varying(70)				Browse Alter Privileges Drop	
t1_id	integer				Browse Alter Privileges Drop	
t2_id	integer				Browse Alter Privileges Drop	
wintype	character varying(30)				Browse Alter Privileges Drop	
city	character varying(30)				Browse Alter Privileges Drop	
man_of_the_match_id	integer				Browse Alter Privileges Drop	
match_winner	integer				Browse Alter Privileges Drop	
season_id	integer				Browse Alter Privileges Drop	

Then chose the file to import for the given table,



Format Auto ▼

☒ \N

Allowed NULL characters ☐ NULL

☐ Empty string/field

File Choose File No file chosen

Import

Finally, clicked the import button to import the chosen file.

- **TRANSLATIONS TO SQL QUERIES:**

1) Give the names of all teams participated in IPL seasons

```
SELECT t_name FROM team;
```

Submit

t_name
Kolkata Knight Riders
Royal Challengers Bangalore
Chennai Super Kings
Kings XI Punjab
Rajasthan Royals
Delhi Daredevils
Mumbai Indians
Deccan Chargers
Kochi Tuskers Kerala
Pune Warriors
Sunrisers Hyderabad
Rising Pune Supergiants
Gujarat Lions

13 row(s)

2) Original query: Mention the names of the winner teams in each season.

Problem: There is no column in any table mentioning the winning team for each season. For computing the required data, I needed to have the winning team ID or name in the season table or atleast the match_id describing it as final matches for all seasons.

New query: Name the player who has been the captain for maximum number of times for all seasons.

```
SELECT player_id,name FROM player, (SELECT player_id, COUNT(*) FROM player_match WHERE is_captain=1 GROUP BY player_id) AS p1 WHERE count = (SELECT MAX(count) FROM (SELECT player_id, COUNT(*) FROM player_match WHERE is_captain=1 GROUP BY player_id) AS p1) AND p1.player_id= player.p_id;
```

Submit

player_id	name
20	MS Dhoni

1 row(s)

3) Name the team with most wins

```
SELECT match_winner,count FROM(SELECT match_winner, COUNT(*) FROM match GROUP BY match_winner)AS m1 WHERE count= (SELECT MAX(count) FROM (SELECT match_winner, COUNT(*) FROM match GROUP BY match_winner)AS m1);
```

Submit

match_winner	count
CS	80

1 row(s)

4) Name man of the series for each season.

```
SELECT p.name FROM player p, season s WHERE p.p_id= s.man_of_the_series_id;
```

Submit

name
SR Watson
AC Gilchrist
SR Tendulkar
CH Gayle
SP Narine
SR Watson
GJ Maxwell
AD Russell
V Kohli

9 row(s)

5) Name the player who won man of the match title maximum number of times.

```
SELECT p.name, p.p_id FROM player p, (SELECT man_of_the_match_id FROM (SELECT man_of_the_match_id, COUNT(*) FROM match GROUP BY man_of_the_match_id)AS m1 WHERE count=(SELECT MAX(count) FROM (SELECT man_of_the_match_id, COUNT(*) FROM match GROUP BY man_of_the_match_id)AS m1))AS m2 WHERE p.p_id = m2.man_of_the_match_id;
```

Submit

name	p_id
CH Gayle	162

1 row(s)

6) Name the players with orange cap (top-run scorer) for different seasons.

```
SELECT p.name, s.orange_cap_id FROM season s, player p WHERE p.p_id= s.orange_cap_id;
```

Submit

name	orange_cap_id
SE Marsh	100
ML Hayden	18
SR Tendulkar	133
CH Gayle	162
CH Gayle	162
MEK Hussey	19
RV Uthappa	46
DA Warner	187
V Kohli	8

9 row(s)

7) Name the players with purple cap (top-wicket taker) for different seasons.

```
SELECT p.name, s.purple_cap_id FROM season s, player p WHERE p.p_id= s.purple_cap_id;
```

Submit

name	purple_cap_id
Sohail Tanvir	102
RP Singh	61
PP Ojha	131
SL Malinga	194
M Morkel	190
DJ Bravo	71
MM Sharma	364
DJ Bravo	71
B Kumar	299

9 row(s)

8) List captains of all teams in season2

```
SELECT DISTINCT p.name FROM player_match pm, match m,player p WHERE pm.match_id=m.m_id AND pm.is_captain=1 AND m.season_id=2 AND pm.player_id= p.p_id;
```

Submit

name
MS Dhoni
KP Pietersen
V Sehwag
A Kumble
SR Tendulkar
Yuvraj Singh
SK Warne
BB McCullum
AC Gilchrist
G Gambhir

10 row(s)

There are supposed to be 8 rows but captains of two teams were replaced in midway.
V sehwag by G Gambhir and KP Pieterston by A Kumble.

9) List venues for all matches of season 1.

```
SELECT venue FROM match WHERE season_id=1;
```

Submit

venue
M Chinnaswamy Stadium
Punjab Cricket Association Stadium, Mohali
Feroz Shah Kotla
Wankhede Stadium
Eden Gardens
Sawai Mansingh Stadium
Rajiv Gandhi International Stadium, Uppal
MA Chidambaram Stadium, Chepauk
Rajiv Gandhi International Stadium, Uppal
Punjab Cricket Association Stadium, Mohali
M Chinnaswamy Stadium
MA Chidambaram Stadium, Chepauk
Dr DY Patil Sports Academy
Punjab Cricket Association Stadium, Mohali
M Chinnaswamy Stadium
Eden Gardens
Feroz Shah Kotla
Rajiv Gandhi International Stadium, Uppal
Sawai Mansingh Stadium
MA Chidambaram Stadium, Chepauk
Rajiv Gandhi International Stadium, Uppal
Punjab Cricket Association Stadium, Mohali
Dr DY Patil Sports Academy
Sawai Mansingh Stadium
M Chinnaswamy Stadium
MA Chidambaram Stadium, Chepauk
Dr DY Patil Sports Academy
Feroz Shah Kotla
Eden Gardens
Sawai Mansingh Stadium

30 row(s)

```
SELECT venue FROM match WHERE season_id=1;
```

Submit

venue
M Chinnaswamy Stadium
MA Chidambaram Stadium, Chepauk
Rajiv Gandhi International Stadium, Uppal
Sawai Mansingh Stadium
Punjab Cricket Association Stadium, Mohali
Eden Gardens
Wankhede Stadium
Punjab Cricket Association Stadium, Mohali
Feroz Shah Kotla
Wankhede Stadium
Feroz Shah Kotla
Sawai Mansingh Stadium
Rajiv Gandhi International Stadium, Uppal
Eden Gardens
M Chinnaswamy Stadium
Eden Gardens
Wankhede Stadium
MA Chidambaram Stadium, Chepauk
Punjab Cricket Association Stadium, Mohali
Feroz Shah Kotla
MA Chidambaram Stadium, Chepauk
M Chinnaswamy Stadium
Eden Gardens
Sawai Mansingh Stadium
Rajiv Gandhi International Stadium, Uppal
Wankhede Stadium
Wankhede Stadium
Dr DY Patil Sports Academy

28 row(s)

Total rows returned: 58

10) Give the details of the venue with maximum number of matches.

```
SELECT venue FROM (SELECT venue,COUNT(*) FROM match GROUP BY venue) AS venuedetail WHERE count=
(SELECT MAX(count) FROM (SELECT venue,COUNT(*) FROM match GROUP BY venue) AS venuedetail);
```

Submit

venue
M Chinnaswamy Stadium

1 row(s)

11) Original query: List the names of all players of the winning team in season 1.

Problem: We do not have ids or names of winning teams for seasons, thus it is not possible to find out the players names for it.

New query: Name the players who has been the both, keepers and captains for their teams.

```
SELECT p.name FROM player p WHERE p.p_id IN(SELECT DISTINCT player_id FROM player_match WHERE
is_keeper=1 AND is_captain=1);
```

Submit

name
BB McCullum
PA Patel
MS Dhoni
KC Sangakkara
AC Gilchrist
KD Karthik

6 row(s)

12) List wicket keepers of all the teams

```
SELECT DISTINCT p.name FROM player p, player_match pm WHERE pm.is_keeper=1 AND pm.player_id= p.p_id;
```

Submit

1 2 Next > Last >>

name
DT Patil
TD Paine
MS Dhoni
RV Uthappa
Q de Kock
NV Ojha
N Saini
AT Rayudu
M Rawat
KB Arun Karthik
JC Buttler
AB de Villiers
DH Yagnik
L Ronchi
U Kaul
BB McCullum
DB Das
SV Samson
WP Saha
PR Shah
SS Shaikh
KL Rahul
Kamran Akmal
YV Takawale
MDKJ Perera
MV Boucher
KH Devdhar
PA Patel
AP Tare
AC Gilchrist

30 row(s)

```
SELECT DISTINCT p.name FROM player p, player_match pm WHERE pm.is_keeper=1 AND pm.player_id= p.p_id;
```

Submit

<< First < Prev 1 2

name
MS Bisla
AG Paunikar
DJ Jacobs
NS Naik
KC Sangakkara
Gurkeerat Singh
BJ Haddin
CM Gautam
C Madan
KM Jadhav
MN van Wyk
SP Goswami
KD Karthik

13 row(s)

Total rows returned: 43

Wicket keepers can be changed through different seasons. Also, a team can have multiple wicket keepers in their full squad.

13) List the matches from all seasons which resulted in a tie.

```
SELECT m_id FROM match WHERE wintype='Tie';
```

Submit

Actions		m_id
Edit	Delete	392195
Edit	Delete	419126
Edit	Delete	598009
Edit	Delete	598022
Edit	Delete	729320
Edit	Delete	829746

6 row(s)

14) Give the names of players with right-arm off-break bowling skill.

```
SELECT name FROM player WHERE bowling_skill='Right-arm offbreak';
```

Submit

name
DJ Hussey
Mohammad Hafeez
R Dravid
W Jaffer
SK Raina
S Badrinath
K Goel
KC Sangakkara
YK Pathan
M Kaif
V Sehwag
S Dhawan
Harbhajan Singh
LRPL Taylor
AC Gilchrist
Y Venugopal Rao
VVS Laxman
A Symonds
RG Sharma
GC Smith
Shoaib Malik
SA Asnodkar
Salman Butt
BJ Hodge
M Muralitharan
A Chopra
J Arunkumar
SR Tendulkar
TM Dilshan
LA Pomersbach

30 row(s)

Continued..

```
SELECT name FROM player WHERE bowling_skill='Right-arm offbreak';
```

Submit

name
SD Chitnis
VS Yeligati
RR Powar
JP Duminy
KP Pietersen
CH Gayle
M Manhas
BAW Mendis
TL Suman
M Vijay
J Botha
Y Nagar
R Ashwin
Mohammad Ashraful
OA Shah
AT Rayudu
AA Jhunjhunwala
AB Barath
MD Mishra
R Sharma
KM Jadhav
UBT Chand
R Ninan
S Randiv
NL McCullum
GJ Maxwell
MN Samuels
SA Yadav
SP Narine
DA Miller

30 row(s)

```
SELECT name FROM player WHERE bowling_skill='Right-arm offbreak';
```

Submit

name
Gurkeerat Singh
A Chandila
Sunny Gupta
MC Juneja
KK Nair
GH Vihari
SMSM Senanayake
X Thalaivan Sargunam
Parvez Rasool
Sachin Baby
RR Rossouw
Shivam Sharma
VH Zol
DJ Hooda
KS Williamson
MJ Guptill
TM Head
J Yadav
HM Amla
N Rana
MB Parmar
B Aparajith

22 row(s)

Total rows returned: 82

15) Give the names of players who bat with left hand

```
SELECT name FROM player WHERE batting_hand= 'Left_Hand';
```

Submit

name
SC Ganguly
SB Joshi
PA Patel
ML Hayden
MEK Hussey
SK Raina
JDP Oram
K Goel
KC Sangakkara
Yuvraj Singh
SM Katich
IK Pathan
DS Lehmann
RA Jadeja
G Gambhir
S Dhawan
ST Jayasuriya
AM Nayar
S Chanderpaul
AC Gilchrist
WPUJC Vaas
PP Chawla
GC Smith
SS Tiwary
M Kartik
TM Srivastava
DNT Zoysa
SE Marsh
Sohail Tanvir
Salman Butt

30 row(s)

```
SELECT name FROM player WHERE batting_hand= 'Left_Hand';
```

Submit

name
SP Fleming
S Vidyut
JA Morkel
Mohammad Asif
PP Ojha
SP Goswami
U Kaul
NK Patel
LA Pomersbach
Iqbal Abdulla
Abdur Razzak
A Mukund
JP Duminy
T Thushara
JD Ryder
Kamran Khan
CH Gayle
KV Sharma
RJ Quiney
DL Vettori
LA Carseldine
SB Jakati
DA Warner
M Morkel
Anirudh Singh
R McLaren
A Uniyal
YA Abdulla
EJG Morgan
RS Gavaskar

30 row(s)

Continued..

```
SELECT name FROM player WHERE batting_hand= 'Left_Hand';
```

Submit

name
MJ Lumb
S Narwal
Bipul Sharma
FY Fazal
DE Bollinger
S Srinam
Harmeet Singh
AL Menaria
WD Parnell
S Aravind
MS Wade
SB Wagh
JEC Franklin
Shakib Al Hasan
DH Yagnik
NLTC Perera
J Syed Mohammad
TR Birt
AG Murtaza
Harpreet Singh
AC Blizzard
CA Ingram
AA Chavan
BA Bhatt
Ankit Sharma
SP Narine
GB Hogg
DA Miller
P Negi
RJ Peterson

30 row(s)

```
SELECT name FROM player WHERE batting_hand= 'Left_Hand';
```

Submit

name
MDKJ Perera
BMAJ Mendis
R Rampaul
BJ Rohrer
Q de Kock
MG Johnson
Sachin Baby
CJ Anderson
NJ Maddinson
AR Patel
JDS Neesham
MA Starc
BR Dunk
RR Rossouw
VH Zol
BE Hendricks
R Tewatia
J Suchith
MJ McClenaghan
Ishan Kishan
C Munro
KH Pandya
TM Head
RR Pant
UT Khawaja
BB Sran
N Rana
RA Shaikh
AA Kazi
P Prasanth

30 row(s)

Continued..


```
SELECT name FROM player WHERE batting_hand= 'Left_Hand';
```

Submit

name
TP Sudhindra
K Santokie
GS Sandhu
Mustafizur Rahman
Kuldeep Yadav
RV Pawar

6 row(s)

Total rows returned= 126

16) List the total number of matches won by each team in all the seasons

```
SELECT t.t_name,m1.count AS matches_won FROM team t,(SELECT match_winner, COUNT(*) FROM match  
GROUP BY match_winner) AS m1 WHERE m1.match_winner = t.t_id;
```

Submit

t_name	matches_won
Kolkata Knight Riders	68
Royal Challengers Bangalore	70
Chennai Super Kings	79
Kings XI Punjab	63
Rajasthan Royals	63
Delhi Daredevils	56
Mumbai Indians	80
Deccan Chargers	29
Kochi Tuskers Kerala	6
Pune Warriors	12
Sunrisers Hyderabad	34
Rising Pune Supergiants	5
Gujarat Lions	9

13 row(s)

17) Give the names of the teams with Australian player as the captain

```
SELECT DISTINCT t_name FROM player_team pt, (SELECT DISTINCT p.name, p.p_id FROM player p,
player_match pm, player_team pt WHERE p.p_id= pm.player_id AND pm.is_captain=1 AND
p.country='Australia') AS aus_cap, team t WHERE aus_cap.p_id= pt.player_id AND pt.team_id =
t.t_id;
```

Submit

t_name
Chennai Super Kings
Deccan Chargers
Delhi Daredevils
Mumbai Indians
Rajasthan Royals
Royal Challengers Bangalore
Sunrisers Hyderabad

7 row(s)

18) List teams which have played all seasons

```
SELECT t.t_id, t.t_name FROM team t, ((SELECT DISTINCT t1_id FROM match WHERE season_id=1)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=2)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=3)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=4)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=5)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=6)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=7)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=8)
INTERSECT
(SELECT DISTINCT t1_id FROM match WHERE season_id=9)) AS t1 WHERE t.t_id = t1.t1_id;
```

Submit

t_id	t_name
1	Kolkata Knight Riders
2	Royal Challengers Bangalore
4	Kings XI Punjab
6	Delhi Daredevils
7	Mumbai Indians

5 row(s)

19) Give the names of different countries whose players participated in IPL

```
SELECT DISTINCT country FROM player;
```

Submit

country
Pakistan
Netherlands
South Africa
West Indies
Bangladesh
England
Australia
New Zealand
Zimbabwe
Sri Lanka
India

11 row(s)

20) Names of Indian players with slow left arm orthodox bowling skill.

```
SELECT name FROM player WHERE bowling_skill= 'Slow left-arm orthodox' AND country='India';
```

Submit

name
SB Joshi
Yuvraj Singh
RA Jadeja
M Kartik
S Vidyut
PP Ojha
Iqbal Abdulla
KP Appanna
SB Jakati
RS Gavaskar
Bipul Sharma
S Sriram
Harmeet Singh
AL Menaria
J Syed Mohammad
AG Murtaza
S Nadeem
AA Chavan
ND Doshi
BA Bhatt
Ankit Sharma
P Negi
AR Patel
J Suchith
KH Pandya
Swapnil Singh
AA Kazi
P Prasanth
RV Pawar

29 row(s)

- CONTENTS OF ALL TABLES

1) Table match

SELECT * FROM match;

Submit

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Next > Last >>

Actions	m_id	venue	t1_id	t2_id	wintype	city	man_of_the_match_id	match_winner	season_id
Edit Delete	335987	M Chinnaswamy Stadium	2	1	by runs	Bangalore	2	1	1
Edit Delete	335988	Punjab Cricket Association Stadium, Mohali	4	3	by runs	Chandigarh	19	3	1
Edit Delete	335989	Feroz Shah Kotla	6	5	by wickets	Delhi	90	6	1
Edit Delete	335990	Wankhede Stadium	7	2	by wickets	Mumbai	11	2	1
Edit Delete	335991	Eden Gardens	1	8	by wickets	Kolkata	4	1	1
Edit Delete	335992	Sawai Mansingh Stadium	5	4	by wickets	Jaipur	32	5	1
Edit Delete	335993	Rajiv Gandhi International Stadium, Uppal	8	6	by wickets	Hyderabad	41	6	1
Edit Delete	335994	MA Chidambaram Stadium, Chepauk	3	7	by runs	Chennai	18	3	1
Edit Delete	335995	Rajiv Gandhi International Stadium, Uppal	8	5	by wickets	Hyderabad	31	5	1
Edit Delete	335996	Punjab Cricket Association Stadium, Mohali	4	7	by runs	Chandigarh	26	4	1

Total rows: 577

2) Table player

SELECT * FROM player;

Submit

1 2 3 4 5 6 7 8 9 10 11

Actions	p_id	name	dob	batting_hand	bowling_skill	country
Edit Delete	1	SC Ganguly	1972-07-08	Left_Hand	Right-arm medium	India
Edit Delete	2	BB McCullum	1981-09-27	Right_Hand	Right-arm medium	New Zealand
Edit Delete	3	RT Ponting	1974-12-19	Right_Hand	Right-arm medium	Australia
Edit Delete	4	DJ Hussey	1977-07-15	Right_Hand	Right-arm offbreak	Australia
Edit Delete	5	Mohammad Hafeez	1980-10-17	Right_Hand	Right-arm offbreak	Pakistan
Edit Delete	6	R Dravid	1973-01-11	Right_Hand	Right-arm offbreak	India
Edit Delete	7	W Jaffer	1978-02-16	Right_Hand	Right-arm offbreak	India
Edit Delete	8	V Kohli	1988-11-05	Right_Hand	Right-arm medium	India
Edit Delete	9	JH Kallis	1975-10-16	Right_Hand	Right-arm fast-medium	South Africa
Edit Delete	10	CL White	1983-08-18	Right_Hand	Legbreak googly	Australia

Total rows: 471

3) Table player_match

```
SELECT * FROM player_match;
```

Submit

Actions		match_id	player_id	is_keeper	is_captain
Edit	Delete	335987	1	0	1
Edit	Delete	335987	2	0	0
Edit	Delete	335987	3	0	0
Edit	Delete	335987	4	0	0
Edit	Delete	335987	5	0	0
Edit	Delete	335987	6	0	1
Edit	Delete	335987	7	0	0
Edit	Delete	335987	8	0	0
Edit	Delete	335987	9	0	0
Edit	Delete	335987	10	0	0

Total rows: 12694

4) Table player_team

```
SELECT * FROM player_team;
```

Submit

Actions		player_id	team_id
Edit	Delete	1	1
Edit	Delete	2	6
Edit	Delete	3	6
Edit	Delete	4	7
Edit	Delete	5	2
Edit	Delete	6	5
Edit	Delete	7	2
Edit	Delete	8	1
Edit	Delete	9	4
Edit	Delete	10	8

Total rows: 471

5) Table season

```
SELECT * FROM season;
```

Submit

Actions	s_id	year	man_of_the_series_id	purple_cap_id	orange_cap_id
Edit Delete	1	2008	32	102	100
Edit Delete	2	2009	53	61	18
Edit Delete	3	2010	133	131	133
Edit Delete	4	2011	162	194	162
Edit Delete	5	2012	315	190	162
Edit Delete	6	2013	32	71	19
Edit Delete	7	2014	305	364	46
Edit Delete	8	2015	334	71	187
Edit Delete	9	2016	8	299	8

9 row(s)

6) Table team

```
SELECT * FROM team;
```

Submit

Actions	t_id	t_name	shortname
Edit Delete	1	Kolkata Knight Riders	KKR
Edit Delete	2	Royal Challengers Bangalore	RCB
Edit Delete	3	Chennai Super Kings	CSK
Edit Delete	4	Kings XI Punjab	KXIP
Edit Delete	5	Rajasthan Royals	RR
Edit Delete	6	Delhi Daredevils	DD
Edit Delete	7	Mumbai Indians	MI
Edit Delete	8	Deccan Chargers	DC
Edit Delete	9	Kochi Tuskers Kerala	KTK
Edit Delete	10	Pune Warriors	PW
Edit Delete	11	Sunrisers Hyderabad	SRH
Edit Delete	12	Rising Pune Supergiants	RPS
Edit Delete	13	Gujarat Lions	GL

13 row(s)