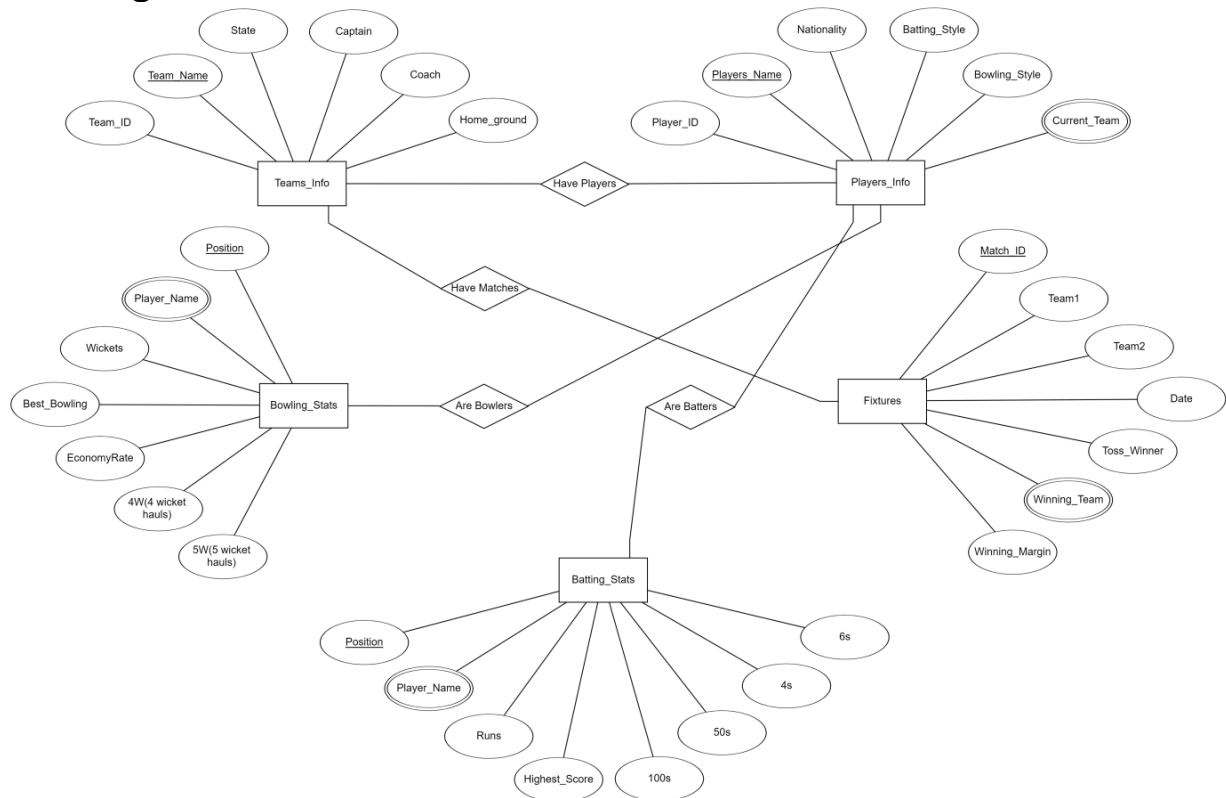


‘ Indian Premier League ’

Introduction:

Indian Premier League is a management system which will provide the information about teams, players and matches and will track the record of players to analyze the performance in the tournament.

ER Diagram :



STRUCTURE OF TABLES

Teams_Info :

This table contains the information about Team , Team Names , States , Captain , Coach and Homeground of the teams.

desc Teams_Info;

```
MariaDB [IPL]> desc Teams_Info;
```

Field	Type	Null	Key	Default	Extra
Team_ID	int(11)	NO	UNI	NULL	
Team_Name	varchar(50)	NO	PRI	NULL	
State	varchar(50)	NO		NULL	
Captain	varchar(50)	NO		NULL	
Coach	varchar(50)	NO		NULL	
Home_Ground	varchar(50)	YES		NULL	

6 rows in set (0.701 sec)

Players_Info :

This table contains the information of Players , Players Name , Nationality , Batting Style , Bowling Style and Current Team in which team they are playing.

desc Players_Info;

```
MariaDB [IPL]> desc Players_Info;
```

Field	Type	Null	Key	Default	Extra
Player_Id	int(11)	NO		NULL	
Player_Name	varchar(50)	NO	PRI	NULL	
Nationality	varchar(50)	NO		NULL	
Batting_Style	varchar(50)	YES		NULL	
Bowling_Style	varchar(50)	YES		NULL	
Current_Team	varchar(50)	NO	MUL	NULL	

6 rows in set (0.007 sec)

Fixtures :

This table contains the information about the matches between the teams , Match Date , Toss Winner , Winning Team and Winning Margin.

desc Fixtures;

```
MariaDB [IPL]> desc Fixtures;
```

Field	Type	Null	Key	Default	Extra
Match_Id	int(11)	NO	PRI	NULL	auto_increment
Team1	varchar(50)	NO		NULL	
Team2	varchar(50)	NO		NULL	
Date	date	NO		NULL	
Toss_Winner	varchar(50)	NO		NULL	
Winning_Team	varchar(50)	NO	MUL	NULL	
Winning_Margin	varchar(50)	YES		NULL	

7 rows in set (0.110 sec)

Batting Stats :

This table contains the information of batters , Position , Player Name , Runs , Highest Score(HS) , 100s , 50s , 4s and 6s they scored.

desc Batting_Stats;

```
MariaDB [IPL]> desc Batting_stats;
```

Field	Type	Null	Key	Default	Extra
Position	int(11)	NO	PRI	NULL	
Player_Name	varchar(50)	NO	MUL	NULL	
Runs	int(11)	NO		NULL	
Highest_Score	int(11)	NO		NULL	
100s	int(11)	YES		NULL	
50s	int(11)	YES		NULL	
4s	int(11)	YES		NULL	
6s	int(11)	YES		NULL	

8 rows in set (0.030 sec)

Bowling_Stats :

This table contains the information of bowlers , Position , Player Name , Wickets taken , Best bowling figure(BBI) , Economy Rate , 4 wicket hauls(4W) and 5 wicket hauls(5W).

desc Bowling_Stats;

```
MariaDB [IPL]> desc Bowling_Stats;
```

Field	Type	Null	Key	Default	Extra
Position	int(11)	NO	PRI	NULL	
Player_Name	varchar(50)	NO	MUL	NULL	
Wickets	int(11)	NO		NULL	
Best_Bowling	varchar(20)	NO		NULL	
EconomyRate	float	NO		NULL	
4w	int(11)	YES		NULL	
5w	int(11)	YES		NULL	

7 rows in set (0.108 sec)

CONTENTS OF TABLE

Teams Info :

select * from Teams_Info;

```
MariaDB [IPL]> select * from Teams_Info;
```

Team_ID	Team_Name	State	Captain	Coach	Home_Ground
1	Chennai Super Kings	Tamil Nadu	M S Dhoni	Stephen Fleming	MA Chidambaram Stadium
2	Delhi Capitals	Delhi	David Warner	Ricky Ponting	Feroz Shah Kotla
3	Gujarat Titans	Gujarat	Hardik Pandya	Ashish Nehra	Narendra Modi Stadium
4	Kolkata Knight Riders	West Bengal	Nitish Rana	Chandrakant Pandit	Eden Gardens
5	Lucknow Super Gaints	Uttar Pradesh	Krunal Pandya	Andy Flower	Ekana Stadium
6	Mumbai Indians	Maharashtra	Rohit Sharma	Mark Boucher	Wankhede Stadium
7	Punjab Kings	Punjab	Shikhar Dhawan	Trevor Bayliss	PCA Stadium
8	Rajasthan Royals	Rajasthan	Sanju Samson	Kumar Sangakara	Sawai Mansingh Stadium
9	Royal Challengers Bangalore	Karnataka	Faf du Plessis	Sanjay Bangar	M Chinnaswamy Stadium
10	Sunrisers Hyderabad	Telangana	Aiden Markram	Brian Lara	Rajiv Gandhi International Stadium

10 rows in set (0.132 sec)

Players Info :

select * from Players_Info;

```
MariaDB [IPL]> select * from Players_Info;
```

Player_Id	Player_Name	Nationality	Batting_Style	Bowling_Style	Current_Team
1	Abhishek Sharma	India	Left-Hand Bat	NULL	Sunrisers Hyderabad
2	Adam Zampa	Australia	Right-Hand Bat	Right-Arm Leg Break	Rajasthan Royals
3	Aiden Markram	South Africa	Right-Hand Bat	Right-Arm Off Break	Sunrisers Hyderabad
4	Ajinkya Rahane	India	Right-Hand Bat	NULL	Chennai Super Kings
5	Akash Deep	India	Right-Hand Bat	Right-Arm Medium Fast	Royal Challengers Bangalore
6	Akash Madhwal	India	Right-Hand Bat	Right-Arm Medium Fast	Mumbai Indians
7	Ambati Raydu	India	Right-Hand Bat	NULL	Chennai Super Kings
8	Andre Russell	West Indies	Right-Hand Bat	Right-Arm Fast Medium	Kolkata Knight Riders
9	Anrich Nortje	South Africa	Right-Hand Bat	Right-Arm Fast	Delhi Capitals
10	Arshdeep Singh	India	Left-Hand Bat	Left-Arm Medium Fast	Punjab Kings
11	Atharva Taide	India	Left-Hand Bat	Left-Arm Slow Orthodox	Punjab Kings
12	Axar Patel	India	Left-Hand Bat	Left-Arm Orthodox Spin	Delhi Capitals
13	Ayush Badoni	India	Right-Hand Bat	NULL	Lucknow Super Gaints
14	Bhuvneshwar Kumar	India	Right-Hand Bat	Right-Arm Fast	Sunrisers Hyderabad
15	Cameron Green	Australia	Right-Hand Bat	Right-Arm Fast Medium	Mumbai Indians
16	David Miller	South Africa	Left-Hand Bat	Right-Arm Off Break	Gujarat Titans
17	David Warner	Australia	Left-Hand Bat	NULL	Delhi Capitals
18	Deepak Chahar	India	Right-Hand Bat	right-Arm Fast Medium	Chennai Super Kings
19	Deepak Hooda	India	Right-Hand Bat	Right-Arm Off Break	Lucknow Super Gaints
20	Devdutt Padikkal	India	Left-Hand Bat	NULL	Rajasthan Royals
21	Devon Conway	New Zealand	Left-Hand Bat	NULL	Chennai Super Kings
22	Dinesh Kartik	India	Right-Hand Bat(WK)	NULL	Royal Challengers Bangalore
23	Faf du Plessis	South Africa	Right-Hand Bat	NULL	Royal Challengers Bangalore
24	Glenn Maxwell	Australia	Right-Hand Bat	Right-Arm Off Break	Royal Challengers Bangalore
25	Glenn Phillips	New Zealand	Right-Hand Bat	Right-Arm Off Break	Sunrisers Hyderabad
26	Hardik Pandya	India	Right-Hand Bat	Right-Arm Medium Fast	Gujarat Titans
27	Harpreet Brar	India	Left-Hand Bat	Left-Arm Orthodox Spin	Punjab Kings
28	Harshal Patel	India	Right-Hand Bat	Right-Arm Fast Medium	Royal Challengers Bangalore
29	Heinrich Klaasen	South Africa	Right-Hand Bat(WK)	NULL	Sunrisers Hyderabad
30	Hritik Shokeen	India	Right-Hand Bat	Right-Arm Off Break	Mumbai Indians
31	Ishan Kishan	India	Left-Hand Bat(WK)	NULL	Mumbai Indians
32	Jason Behrendroff	Australia	Right-Hand Bat	Left-Arm Fast	Mumbai Indians
33	Jason Roy	England	Right-Hand Bat	NULL	Kolkata Knight Riders
34	Jitesh Sharma	India	Right-Hand Bat(WK)	NULL	Punjab Kings
35	Jos Buttler	England	Right-Hand Bat	NULL	Rajasthan Royals
36	Josh Hazlewood	Australia	Right-Hand Bat	Right_Arm Fast	Royal Challengers Bangalore
37	Joshua Little	Ireland	Right-Hand Bat	Left-Arm Fast	Gujarat Titans
38	Kagiso Rabada	South Africa	Left-Hand Bat	Right-Arm Fast	Punjab Kings
39	Khaleel Ahmed	India	Right-Hand Bat	Left_Arm Fast Medium	Delhi Capitals
40	Krunal Pandya	India	Left-Hand Bat	Left-Arm Spin	Lucknow Super Gaints
41	Kuldeep Yadav	India	Left-Hand Bat	Left-Arm Unorthodox Spin	Delhi Capitals
42	Lalit Yadav	India	Right-Hand Bat	Right-Arm Off Break	Delhi Capitals
43	Liam Livingstone	England	Right-Hand Bat	Right-Arm Leg Break	Punjab Kings
44	M S Dhoni	India	Right-Hand Bat(WK)	NULL	Chennai Super Kings
45	Maheesh Theekshana	Srilanka	Right-Hand Bat	Right-Arm Off Spin	Chennai Super Kings

46	Mahipal Lomror	India	Left-Hand Bat	NULL	Royal Challengers Bangalore
47	Manan Vohra	India	Right-Hand Bat	NULL	Lucknow Super Gaints
48	Marco Jansen	South Africa	Right-Hand Bat	Left-Arm Fast Medium	Sunrisers Hyderabad
49	Marcus Stoinis	Australia	Right-Hand Bat	Right-Arm Fast	Lucknow Super Gaints
50	Matheesha Pathirana	Srilanka	Right-Hand Bat	Right-Arm Fast	Chennai Super Kings
51	Mayank Agarwal	India	Right-Hand Bat	NULL	Sunrisers Hyderabad
52	Moeen Ali	England	Left-Hand Bat	Right-Arm Off Spin	Chennai Super Kings
53	Mohameed Shami	India	Right-Hand Bat	Right-Arm Fast	Gujarat Titans
54	Mohammed Siraj	India	Right-Hand Bat	Right-Arm Fast Medium	Royal Challengers Bangalore
55	Mohit Sharma	India	Right-Hand Bat	Right-Arm Medium Fast	Gujarat Titans
56	Mohsin Khan	India	Left-Hand Bat	Left-Arm Fast	Lucknow Super Gaints
57	Mukesh Kumar	India	Right-Hand Bat	Right-Arm Fast	Delhi Capitals
58	Nathan Ellis	Australia	Right-Hand Bat	Right-Arm Fast	Punjab Kings
59	Navdeep Saini	India	Right-Hand Bat	Right-Arm Medium Fast	Rajasthan Royals
60	Naveen ul Haq	Afghanistan	Right-Hand Bat	Right-Arm Fast	Lucknow Super Gaints
61	Nicholas Pooran	West Indies	Left-Hand Bat	NULL	Lucknow Super Gaints
62	Nitish Rana	India	Left-Hand Bat	Right-Arm Off Break	Kolkata Knight Riders
63	Noor Ahmed	Afghanistan	Right-Hand Bat	Right-Arm Off Break	Gujarat Titans
64	Phil Salt	England	Right-Hand Bat(WK)	NULL	Delhi Capitals
65	Piyush Chawla	India	Left-Hand Bat	Right-Arm Leg Break	Mumbai Indians
66	Prithvi Shaw	India	Right-Hand Bat	NULL	Delhi Capitals
67	Quinton de Kock	South Africa	Left-Hand Bat(WK)	NULL	Lucknow Super Gaints
68	R Gurbaz	Afghanistan	Right-Hand Bat(WK)	NULL	Kolkata Knight Riders
69	R Rossouw	South Africa	Left-Hand Bat	NULL	Delhi Capitals
70	Rahul Chahar	India	Right-Hand Bat	Right-Arm Leg Break	Punjab Kings
71	Rahul Tewatia	India	Left-Hand Bat	Left-Arm Leg Spin	Gujarat Titans
72	Rahul Tripathi	India	Right-Hand Bat	NULL	Sunrisers Hyderabad
73	Rashid Khan	Afghanistan	Right-Hand Bat	Right-Arm Leg Spin	Gujarat Titans
74	Ravi Bishnoi	India	Right-Hand Bat	Right-Arm Leg Break	Lucknow Super Gaints
75	Ravindra Jadeja	India	Left-Hand Bat	Left-Arm Orthodox Spin	Chennai Super Kings
76	Riley Meredith	Australia	Right-Hand Bat	Right-Arm Fast	Mumbai Indians
77	Rinku Singh	India	Left-Hand Bat	NULL	Kolkata Knight Riders
78	Riyan Parag	India	Right-Hand Bat	Right-Arm Leg Break	Rajasthan Royals
79	Rohit Sharma	India	Right-Hand Bat	NULL	Mumbai Indians
80	Ruturaj Gaikwad	India	Right-Hand Bat	NULL	Chennai Super Kings
81	Sai Sudharsan	India	Right-Hand Bat	NULL	Gujarat Titans
82	Sam Curran	England	Left-Hand Bat	Left-Arm Fast Medium	Punjab Kings
83	Sandeep Sharma	India	Right-Hand Bat	Right-Arm Medium Fast	Rajasthan Royals
84	Sanju Samson	India	Right-Hand Bat(WK)	NULL	Rajasthan Royals
85	Shahbaz Ahmed	India	Left-Hand Bat	Left-Arm Orthodox Slow	Royal Challengers Bangalore
86	Shahrukh Khan	India	Right-Hand Bat	NULL	Punjab Kings
87	Shardul Thakur	India	Right-Hand Bat	Right-Arm Medium Fast	Kolkata Knight Riders
88	Shikhar Dhawan	India	Left-Hand Bat	NULL	Punjab Kings
89	Shimron Hetmyer	West Indies	Left-Hand Bat	NULL	Rajasthan Royals
90	Shubman Gill	India	Right-Hand Bat	NULL	Gujarat Titans
91	Sunil Narine	West Indies	Left-Hand Bat	Right-Arm Off Break	Kolkata Knight Riders
92	Suryakumar Yadav	India	Right-Hand Bat	NULL	Mumbai Indians
93	Suyash Sharma	India	Right-Hand Bat	Right-Arm Leg Break	Kolkata Knight Riders
94	T Natarajan	India	Right-Hand Bat	Left-Arm Fast	Sunrisers Hyderabad
95	Tilak Verma	India	Left-Hand Bat	NULL	Mumbai Indians

96	Tim David	Australia	Right-Hand Bat	NULL	Mumbai Indians
97	Trent Boult	New Zealand	Right-Hand Bat	Left-Arm Fast	Rajasthan Royals
98	Tushar Deshpande	India	Right-Hand Bat	Right-Arm Fast	Chennai Super Kings
99	Umran Malik	India	Right-Hand Bat	Right-Arm Fast	Sunrisers Hyderabad
100	Vaibhav Arora	India	Right-Hand Bat	Right-Arm Fast	Kolkata Knight Riders
101	Varun Chakravarthy	India	Right-Hand Bat	Right-Arm Leg Break	Kolkata Knight Riders
102	Venkatesh Iyer	India	Left-Hand Bat	Right-Arm Medium Fast	Kolkata Knight Riders
103	Virat Kohli	India	Right-Hand Bat	NULL	Royal Challengers Bangalore
104	Wanindu Hasaranga	Srilanka	Right-Hand Bat	Right-Arm Leg Spin	Royal Challengers Bangalore
105	Washington Sundar	India	Left-Hand Bat	Right-Arm Off Break	Sunrisers Hyderabad
106	Wridhiman Saha	India	Right-Hand Bat(WK)	NULL	Gujarat Titans
107	Yash Dhull	India	Right-Hand Bat	NULL	Delhi Capitals
108	Yash Thakur	India	Right-Hand Bat	Right-Arm Fast	Lucknow Super Gaints
109	Yashasvi Jaiswal	India	Left-Hand Bat	NULL	Rajasthan Royals
110	Yuzvendra Chahal	India	Right-Hand Bat	Right-Arm Leg Break	Rajasthan Royals

110 rows in set (0.001 sec)

Fixtures :

select * from Fixtures;

```
MariaDB [IPL]> select * from Fixtures;
```

Match_Id	Team1	Team2	Date	Toss_Winner	Winning_Team	Winning_Margin
1	GT	CSK	2023-03-31	GT	Gujarat Titans	5 Wickets
2	PBKS	KKR	2023-04-01	KKR	Punjab Kings	7 Runs
3	LSG	DC	2023-04-01	DC	Lucknow Super Gaints	50 Runs
4	SRH	RR	2023-04-02	SRH	Rajasthan Royals	72 Runs
5	RCB	MI	2023-04-02	RCB	Royal Challengers Bangalore	8 Wickets
6	CSK	LSG	2023-04-03	LSG	Chennai Super Kings	12 Runs
7	DC	GT	2023-04-04	GT	Gujarat Titans	6 Wickets
8	RR	PBKS	2023-04-05	RR	Punjab Kings	5 Runs
9	KKR	RCB	2023-04-06	RCB	Kolkata Knight Riders	81 Runs
10	LSG	SRH	2023-04-07	SRH	Lucknow Super Gaints	5 Wickets
11	RR	DC	2023-04-08	DC	Rajasthan Royals	57 Runs
12	MI	CSK	2023-04-08	CSK	Chennai Super Kings	7 Wickets
13	GT	KKR	2023-04-09	GT	Kolkata Knight Riders	3 Wickets
14	SRH	PBKS	2023-04-09	SRH	Sunrisers Hyderabad	8 Wickets
15	RCB	LSG	2023-04-10	LSG	Lucknow Super Gaints	1 Wicket
16	DC	MI	2023-04-11	MI	Mumbai Indians	6 Wickets
17	CSK	RR	2023-04-12	CSK	Rajasthan Royals	3 Runs
18	PBKS	GT	2023-04-13	GT	Gujarat Titans	6 Wickets
19	KKR	SRH	2023-04-14	KKR	Sunrisers Hyderabad	23 Runs
20	RCB	DC	2023-04-15	DC	Royal Challengers Bangalore	23 Runs
21	LSG	PBKS	2023-04-15	LSG	Punjab Kings	2 Wickets
22	MI	KKR	2023-04-16	MI	Mumbai Indians	5 Wickets
23	GT	RR	2023-04-16	RR	Rajasthan Royals	3 Wickets
24	RCB	CSK	2023-04-17	RCB	Chennai Super Kings	8 Runs
25	SRH	MI	2023-04-18	SRH	Mumbai Indians	14 Runs
26	RR	LSG	2023-04-19	RR	Lucknow Super Gaints	10 Runs
27	PBKS	RCB	2023-04-20	PBKS	Royal Challengers Bangalore	24 Runs
28	DC	KKR	2023-04-20	DC	Delhi Capitals	4 Wickets
29	CSK	SRH	2023-04-21	CSK	Chennai Super Kings	7 Wickets
30	LSG	GT	2023-04-22	GT	Gujarat Titans	7 Runs
31	MI	PBKS	2023-04-22	MI	Punjab Kings	13 Runs
32	RCB	RR	2023-04-23	RR	Royal Challengers Bangalore	7 Runs
33	KKR	CSK	2023-04-23	KKR	Chennai Super Kings	49 Runs
34	SRH	DC	2023-04-24	DC	Delhi Capitals	7 Runs
35	GT	MI	2023-04-25	MI	Gujarat Titans	55 Runs
36	RCB	KKR	2023-04-26	RCB	Kolkata Knight Riders	21 Runs
37	RR	CSK	2023-04-27	RR	Rajasthan Royals	32 Runs
38	PBKS	LSG	2023-04-28	PBKS	Lucknow Super Gaints	56 Runs
39	KKR	GT	2023-04-29	GT	Gujarat Titans	7 Wickets
40	DC	SRH	2023-04-29	SRH	Sunrisers Hyderabad	9 Runs
41	CSK	PBKS	2023-04-30	CSK	Punjab Kings	4 Wickets
42	MI	RR	2023-04-30	RR	Mumbai Indians	6 Wickets
43	LSG	RCB	2023-05-01	RCB	Royal Challengers Bangalore	18 Runs
44	GT	DC	2023-05-02	DC	Delhi Capitals	5 Runs
45	LSG	CSK	2023-05-03	CSK	Chennai Super Kings	7 Wikets
46	PBKS	MI	2023-05-03	MI	Mumbai Indians	6 Wickets
47	SRH	KKR	2023-05-04	KKR	Kolkata Knight Riders	5 Runs
48	RR	GT	2023-05-05	RR	Gujarat Titans	9 Wickets
49	CSK	MI	2023-05-06	CSK	Chennai Super Kings	6 Wickets
50	DC	RCB	2023-05-06	RCB	Delhi Capitals	7 Wickets
51	GT	LSG	2023-05-07	LSG	Gujarat Titans	56 Runs
52	RR	SRH	2023-05-07	RR	Sunrisers Hyderabad	4 Wickets
53	KKR	PBKS	2023-05-08	PBKS	Kolkata Knight Riders	5 Wickets
54	MI	RCB	2023-05-09	MI	Mumbai Indians	6 Wickets
55	CSK	DC	2023-05-10	CSK	Chennai Super Kings	27 Runs
56	KKR	RR	2023-05-11	RR	Rajasthan Royals	9 Wickets
57	MI	GT	2023-05-12	GT	Mumbai Indians	27 Runs
58	SRH	LSG	2023-05-13	SRH	Lucknow Super Gaints	7 Wickets
59	DC	PBKS	2023-05-13	DC	Punjab Kings	31 Runs
60	RR	RCB	2023-05-14	RCB	Royal Challengers Bangalore	112 Runs
61	CSK	KKR	2023-05-14	CSK	Kolkata Knight Riders	6 Wickets
62	GT	SRH	2023-05-15	SRH	Gujarat Titans	34 Runs
63	LSG	MI	2023-05-16	MI	Lucknow Super Gaints	5 Runs
64	PBKS	DC	2023-05-17	PBKS	Delhi Capitals	15 Runs
65	SRH	RCB	2023-05-18	RCB	Royal Challengers Bangalore	8 Wickets
66	PBKS	RR	2023-05-19	RR	Rajasthan Royals	4 Wickets
67	DC	CSK	2023-05-20	CSK	Chennai Super Kings	77 Runs
68	KKR	LSG	2023-05-20	KKR	Lucknow Super Gaints	1 Run
69	MI	SRH	2023-05-21	MI	Mumbai Indians	8 Wickets
70	RCB	GT	2023-05-21	GT	Gujarat Titans	6 Wickets
71	GT	CSK	2023-05-23	GT	Chennai Super Kings	15 Runs
72	LSG	MI	2023-05-24	MI	Mumbai Indians	81 Runs
73	MI	GT	2023-05-26	MI	Gujarat Titans	62 Runs
74	CSK	GT	2023-05-29	CSK	Chennai Super Kings	5 Wickets

74 rows in set (0.001 sec)

Batting Stats :

select * from Batting_Stats;

```
MariaDB [IPL]> select * from Batting_Stats;
```

Position	Player_Name	Runs	Highest_Score	100s	50s	4s	6s
1	Shubman Gill	890	129	3	4	85	33
2	Faf du Plessis	730	84	0	8	60	36
3	Devon Conway	672	92	0	6	77	18
4	Virat Kohli	639	101	2	6	65	16
5	Yashasvi Jaiswal	625	124	1	5	82	26
6	Suryakumar Yadav	605	103	1	5	65	28
7	Ruturaj Gaikwad	590	92	0	4	46	30
8	David Warner	516	86	0	6	69	10
9	Rinku Singh	474	67	0	4	31	29
10	Ishan Kishan	454	75	0	3	54	18
11	Cameron Green	452	100	1	2	40	22
12	Heinrich Klaasen	448	104	1	2	32	25
13	Nitish Rana	413	75	0	3	39	20
14	Marcus Stoinis	408	89	0	3	28	27
15	Venkatesh Iyer	404	104	1	2	32	21
16	Glenn Maxwell	400	77	0	5	29	31
17	Jos Buttler	392	95	0	4	42	14
18	Shikhar Dhawan	373	99	0	3	49	12
19	Wriddhiman Saha	371	81	0	2	47	8
20	Sanju Samson	362	66	0	3	25	24
21	Sai Sudharsan	362	96	0	3	33	12
22	Nicholas Pooran	358	62	0	2	26	26
23	Hardik Pandya	346	66	0	2	26	15
24	Tilak Verma	343	84	0	1	26	23
25	Rohit Sharma	332	65	0	2	35	17
26	Ajinkya Rahane	326	71	0	2	24	16
27	Jitesh Sharma	309	49	0	0	22	21
28	Shimron Hetmyer	300	56	0	1	12	23
29	Jason Roy	285	61	0	2	36	12
30	Axar Patel	283	54	0	1	21	15
31	Liam Livingstone	279	94	0	2	20	19
32	Sam Curran	276	55	0	1	20	13
33	Rahul Tripathi	273	74	0	1	29	10
34	Mayank Agarwal	270	83	0	1	29	6
35	Devdutt Padikkal	261	52	0	2	31	6
36	David Miller	259	46	0	0	18	13
37	Aiden Markram	248	50	0	1	18	8
38	Ayush Badoni	238	59	0	1	13	12
39	Tim David	231	45	0	0	12	15
40	Andre Russell	227	42	0	0	13	18
41	R Gurbaz	227	81	0	2	17	15
42	Abhishek Sharma	226	67	0	2	28	6
43	Phil Salt	218	87	0	2	24	10
44	R Rossouw	209	82	0	1	17	11
45	Ravindra Jadeja	190	25	0	0	11	9
46	Krunal Pandya	188	49	0	0	15	6
47	Atharva Taide	186	66	0	2	20	6
48	Ambati Raydu	158	27	0	0	10	9
49	Shahrukh Khan	156	41	0	0	13	9
50	Quinton de Kock	143	70	0	1	10	8
51	Dinesh Kartik	140	30	0	0	13	5
52	Mahipal Lomror	135	54	0	1	9	8
53	Rashid Khan	130	79	0	1	8	13
54	Moeen Ali	124	23	0	0	12	6
55	Shardul Thakur	113	68	0	1	13	4
56	Prithvi Shaw	106	54	0	1	16	1
57	M S Dhoni	104	32	0	0	3	10
58	Rahul Tewatia	87	20	0	0	3	7
59	Deepak Hooda	84	17	0	0	3	2
60	Riyan Parag	78	20	0	0	4	5
61	Lalit Yadav	66	38	0	0	8	0
62	Washington Sundar	60	24	0	0	6	0
63	Harpreet Brar	52	17	0	0	5	2
64	Shahbaz Ahmed	42	20	0	0	3	1
65	Bhuvneshwar Kumar	42	27	0	0	4	0
66	Glenn Phillips	39	25	0	0	2	4
67	Marco Jansen	39	17	0	0	4	0
68	Anrich Nortje	37	23	0	0	6	0
69	Wanindu Hasaranga	33	12	0	0	3	0
70	Kuldeep Yadav	31	10	0	0	2	0
71	Piyush Chawla	25	18	0	0	1	1
72	Hritik Shokeen	23	18	0	0	4	0
73	Sunil Narine	21	7	0	0	2	1
74	Ravi Bishnoi	20	5	0	0	1	0
75	Umaran Malik	19	19	0	0	1	2
76	Akash Deep	17	17	0	0	2	1
77	Trent Boult	16	15	0	0	1	1
78	Naveen ul Haq	16	13	0	0	2	0
79	Yash Dhull	16	13	0	0	1	0
80	Manan Vohra	10	10	0	0	1	0
81	Adam Zampa	10	7	0	0	0	0
82	Noor Ahmed	8	7	0	0	1	0
83	Mukesh Kumar	7	6	0	0	0	0
84	Harshal Patel	6	6	0	0	0	1
85	Jason Behrendroff	6	3	0	0	0	0
86	Mohameed Shami	5	5	0	0	1	0
87	Vaibhav Arora	3	2	0	0	0	0
88	Arshdeep Singh	2	2	0	0	0	0
89	Sandeep Sharma	2	2	0	0	0	0
90	Deepak Chahar	1	1	0	0	0	0
91	Josh Hazlewood	1	1	0	0	0	0
92	Mohammed Siraj	1	1	0	0	0	0
93	Nathan Ellis	1	1	0	0	0	0
94	Varun Chakravathy	1	1	0	0	0	0

94 rows in set (0.001 sec)

Bowling Stats:

```
select * from Bowling_Stats;
```

```
MariaDB [IPL]> select * from Bowling_Stats;
```

Position	Player_Name	Wickets	Best_Bowling	EconomyRate	4w	5w
1	Mohameed Shami	28	11/4	8.03	2	0
2	Mohit Sharma	27	10/5	8.17	2	1
3	Rashid Khan	27	30/4	8.23	1	0
4	Piyush Chawla	22	22/3	8.11	0	0
5	Yuzvendra Chahal	21	17/4	8.17	3	0
6	Tushar Deshpande	21	45/3	9.92	0	0
7	Ravindra Jadeja	20	20/3	7.56	0	0
8	Varun Chakravarthy	20	15/4	8.14	1	0
9	Mohammed Siraj	19	21/4	7.52	1	0
10	Matheesha Pathirana	19	15/3	8	0	0
11	Arshdeep Singh	17	29/4	9.69	1	0
12	Ravi Bishnoi	16	28/3	7.74	0	0
13	Noor Ahmed	16	37/3	7.82	0	0
14	Bhuvneshwar Kumar	16	30/5	8.33	0	1
15	Akash Madhwal	14	5/5	8.58	1	1
16	Jason Behrendroff	14	23/3	9.21	0	0
17	Harshal Patel	14	32/3	9.65	0	0
18	Trent Boult	13	29/3	8.21	0	0
19	Deepak Chahar	13	22/3	8.73	0	0
20	Nathan Ellis	13	30/4	8.92	1	0
21	Yash Thakur	13	37/4	9.07	1	0
22	Axar Patel	11	13/2	7.19	0	0
23	Naveen ul Haq	11	38/4	7.82	1	0
24	Sunil Narine	11	33/3	7.97	0	0
25	Maheesh Theekshana	11	23/2	8	0	0
26	Kuldeep Yadav	10	15/2	7.36	0	0
27	Suyash Sharma	10	30/3	8.23	0	0
28	Sandeep Sharma	10	25/2	8.6	0	0
29	Anrich Nortje	10	20/2	9.1	0	0
30	T Natarajan	10	23/2	9.11	0	0
31	Marco Jansen	10	16/2	9.88	0	0
32	Sam Curran	10	31/3	10.22	0	0
33	Krunal Pandya	9	18/3	7.45	0	0
34	Moeen Ali	9	26/4	7.5	1	0
35	Harpreet Brar	9	30/4	8.02	1	0
36	Wanindu Hasaranga	9	24/2	8.89	0	0
37	Khaleel Ahmed	9	24/2	9.12	0	0
38	Rahul Chahar	8	16/2	7.75	0	0
39	Adam Zampa	8	22/3	8.54	0	0
40	Joshua Little	7	25/2	8.64	0	0
41	Kagiso Rabada	7	34/2	10.08	0	0
42	Shardul Thakur	7	23/2	10.47	0	0
43	Mukesh Kumar	7	30/2	10.51	0	0
44	Riley Meredith	7	33/2	10.52	0	0
45	Andre Russell	7	22/3	11.34	0	0
46	Cameron Green	6	41/2	9.5	0	0
47	Vaibhav Arora	5	30/2	9.12	0	0
48	Marcus Stoinis	5	20/2	9.23	0	0
49	Umar Malik	5	32/2	10.85	0	0
50	Washington Sundar	3	28/3	8.26	0	0
51	Josh Hazlewood	3	15/2	8.44	0	0
52	Nitish Rana	3	17/2	8.49	0	0
53	Glenn Maxwell	3	3/1	9.09	0	0
54	Hardik Pandya	3	10/1	9.12	0	0
55	Hritik Shokeen	3	34/2	9.84	0	0
56	Mohsin Khan	3	24/1	10.7	0	0
57	Navdeep Saini	3	40/3	12.33	0	0
58	Lalit Yadav	2	29/1	9.07	0	0
59	Liam Livingstone	2	19/1	13.42	0	0
60	Glenn Phillips	1	10/1	6.66	0	0
61	Aiden Markram	1	24/1	8.57	0	0
62	Akash Deep	1	29/1	11.8	0	0
63	Shahbaz Ahmed	1	38/1	13.57	0	0

63 rows in set (0.013 sec)

SUBQUERIES

1. Write a subquery to show the details of Captain with Nationality and Team Names.

MariaDB [IPL]> select Player_Name as Captain,Nationality,Current_Team as Team from Players_Info where(Player_Name,Current_Team) in(select Captain,Team_Name from Teams_Info);

```
MariaDB [IPL]> select Player_Name as Captain,Nationality,Current_Team as Team from Players_Info where(Player_Name,Current_Team) in(select Captain,Team_Name from Teams_Info);
```

Captain	Nationality	Team
M S Dhoni	India	Chennai Super Kings
David Warner	Australia	Delhi Capitals
Hardik Pandya	India	Gujarat Titans
Nitish Rana	India	Kolkata Knight Riders
Krunal Pandya	India	Lucknow Super Giants
Rohit Sharma	India	Mumbai Indians
Shikhar Dhawan	India	Punjab Kings
Sanju Samson	India	Rajasthan Royals
Faf du Plessis	South Africa	Royal Challengers Bangalore
Aiden Markram	South Africa	Sunrisers Hyderabad

10 rows in set (0.106 sec)

2. Write a subquery to select the player names of all the player who are currently playing for a team in the state of Maharashtra;

MariaDB [IPL]> select * from Players_Info Where Current_Team in(select Team_Name from Teams_Info Where State='Maharashtra');

```
MariaDB [IPL]> select * from Players_Info Where Current_Team in(select Team_Name from Teams_Info Where State='Maharashtra');
```

Player_Id	Player_Name	Nationality	Batting_Style	Bowling_Style	Current_Team
6	Akash Madhwal	India	Right-Hand Bat	Right-Arm Medium Fast	Mumbai Indians
15	Cameron Green	Australia	Right-Hand Bat	Right-Arm Fast Medium	Mumbai Indians
30	Hritik Shokeen	India	Right-Hand Bat	Right-Arm Off Break	Mumbai Indians
31	Ishan Kishan	India	Left-Hand Bat(WK)	NULL	Mumbai Indians
32	Jason Behrendroff	Australia	Right-Hand Bat	Left-Arm Fast	Mumbai Indians
65	Piyush Chawla	India	Left-Hand Bat	Right-Arm Leg Break	Mumbai Indians
76	Riley Meredith	Australia	Right-Hand Bat	Right-Arm Fast	Mumbai Indians
79	Rohit Sharma	India	Right-Hand Bat	NULL	Mumbai Indians
92	Suryakumar Yadav	India	Right-Hand Bat	NULL	Mumbai Indians
95	Tilak Verma	India	Left-Hand Bat	NULL	Mumbai Indians
96	Tim David	Australia	Right-Hand Bat	NULL	Mumbai Indians

11 rows in set (0.043 sec)

- Write a subquery to select the players names who scored not less than 1 century.

MariaDB [IPL]> select

Player_Name,Nationality,Batting_Style,Current_Team from Players_Info
where(Player_Name) in(select Player_Name from Batting_Stats where
100s>=1);

```
MariaDB [IPL]> select Player_Name,Nationality,Batting_Style,Current_Team from Players_Info where(Player_Name) in(select Player_Name from Batting_Stats where 100s>=1);
```

Player_Name	Nationality	Batting_Style	Current_Team
Cameron Green	Australia	Right-Hand Bat	Mumbai Indians
Heinrich Klaasen	South Africa	Right-Hand Bat(MK)	Sunrisers Hyderabad
Shubman Gill	India	Right-Hand Bat	Gujarat Titans
Suryakumar Yadav	India	Right-Hand Bat	Mumbai Indians
Venkatesh Iyer	India	Left-Hand Bat	Kolkata Knight Riders
Virat Kohli	India	Right-Hand Bat	Royal Challengers Bangalore
Yashasvi Jaiswal	India	Left-Hand Bat	Rajasthan Royals

7 rows in set (0.681 sec)

- Write a Subquery to select the players names who's bowling economy rate is less than equal to 8.5.

MariaDB [IPL]> select

Player_Name,Nationality,Bowling_Style,Current_Team from
Players_Info where(Player_Name) in(select Player_Name from
Bowling_Stats where EconomyRate<=8.5);

```
MariaDB [IPL]> select Player_Name,Nationality,Bowling_Style,Current_Team from Players_Info where(Player_Name) in(select Player_Name from Bowling_Stats where EconomyRate<=8.5);
```

Player_Name	Nationality	Bowling_Style	Current_Team
Axar Patel	India	Left-Arm Orthodox Spin	Delhi Capitals
Bhuvneshwar Kumar	India	Right-Arm Fast	Sunrisers Hyderabad
Glenn Phillips	New Zealand	Right-Arm Off Break	Sunrisers Hyderabad
Harpreet Brar	India	Left-Arm Orthodox Spin	Punjab Kings
Josh Hazlewood	Australia	Right-Arm Fast	Royal Challengers Bangalore
Krunal Pandya	India	Left-Arm Spin	Lucknow Super Giants
Kuldeep Yadav	India	Left-Arm Unorthodox Spin	Delhi Capitals
Maheesh Theekshana	Srilanka	Right-Arm Off Spin	Chennai Super Kings
Matheesha Pathirana	Srilanka	Right-Arm Fast	Chennai Super Kings
Moeen Ali	England	Right-Arm Off Spin	Chennai Super Kings
Mohameed Shami	India	Right-Arm Fast	Gujarat Titans
Mohammed Siraj	India	Right-Arm Fast Medium	Royal Challengers Bangalore
Mohit Sharma	India	Right-Arm Medium Fast	Gujarat Titans
Naveen ul Haq	Afghanistan	Right-Arm Fast	Lucknow Super Giants
Nitish Rana	India	Right-Arm Off Break	Kolkata Knight Riders
Noor Ahmed	Afghanistan	Right-Arm Off Break	Gujarat Titans
Piyush Chawla	India	Right-Arm Leg Break	Mumbai Indians
Rahul Chahar	India	Right-Arm Leg Break	Punjab Kings
Rashid Khan	Afghanistan	Right-Arm Leg Spin	Gujarat Titans
Ravi Bishnoi	India	Right-Arm Leg Break	Lucknow Super Giants
Ravindra Jadeja	India	Left-Arm Orthodox Spin	Chennai Super Kings
Sunil Narine	West Indies	Right-Arm Off Break	Kolkata Knight Riders
Suyash Sharma	India	Right-Arm Leg Break	Kolkata Knight Riders
Trent Boult	New Zealand	Left-Arm Fast	Rajasthan Royals
Varun Chakravarthy	India	Right-Arm Leg Break	Kolkata Knight Riders
Washington Sundar	India	Right-Arm Off Break	Sunrisers Hyderabad
Yuzvendra Chahal	India	Right-Arm Leg Break	Rajasthan Royals

27 rows in set (0.212 sec)

JOINS

1. Display the common team name and home ground and players playing in the respective teams with their nationality.

MariaDB [IPL]> select

Teams_Info.Team_Name,Teams_Info.Home_Ground,Players_Info.Player_Name,Players_Info.Nationality from Teams_Info inner join Players_Info on Team_Name=Current_Team;

Team_Name	Home_Ground	Player_Name	Nationality
Chennai Super Kings	MA Chidambaram Stadium	Ajinkya Rahane	India
Chennai Super Kings	MA Chidambaram Stadium	Ambati Raydu	India
Chennai Super Kings	MA Chidambaram Stadium	Deepak Chahar	India
Chennai Super Kings	MA Chidambaram Stadium	Devon Conway	New Zealand
Chennai Super Kings	MA Chidambaram Stadium	M S Dhoni	India
Chennai Super Kings	MA Chidambaram Stadium	Maheesh Theekshana	Srilanka
Chennai Super Kings	MA Chidambaram Stadium	Matheesha Pathirana	Srilanka
Chennai Super Kings	MA Chidambaram Stadium	Moeen Ali	England
Chennai Super Kings	MA Chidambaram Stadium	Ravindra Jadeja	India
Chennai Super Kings	MA Chidambaram Stadium	Ruturaj Gaikwad	India
Chennai Super Kings	MA Chidambaram Stadium	Tushar Deshpande	India
Delhi Capitals	Feroz Shah Kotla	Anrich Nortje	South Africa
Delhi Capitals	Feroz Shah Kotla	Axar Patel	India
Delhi Capitals	Feroz Shah Kotla	David Warner	Australia
Delhi Capitals	Feroz Shah Kotla	Khaleel Ahmed	India
Delhi Capitals	Feroz Shah Kotla	Kuldeep Yadav	India
Delhi Capitals	Feroz Shah Kotla	Lalit Yadav	India
Delhi Capitals	Feroz Shah Kotla	Mukesh Kumar	India
Delhi Capitals	Feroz Shah Kotla	Phil Salt	England
Delhi Capitals	Feroz Shah Kotla	Prithvi Shaw	India
Delhi Capitals	Feroz Shah Kotla	R Rossouw	South Africa
Delhi Capitals	Feroz Shah Kotla	Yash Dhull	India
Gujarat Titans	Narendra Modi Stadium	David Miller	South Africa
Gujarat Titans	Narendra Modi Stadium	Hardik Pandya	India
Gujarat Titans	Narendra Modi Stadium	Joshua Little	Ireland
Gujarat Titans	Narendra Modi Stadium	Mohamed Shami	India
Gujarat Titans	Narendra Modi Stadium	Mohit Sharma	India
Gujarat Titans	Narendra Modi Stadium	Noor Ahmed	Afghanistan
Gujarat Titans	Narendra Modi Stadium	Rahul Tewatia	India
Gujarat Titans	Narendra Modi Stadium	Rashid Khan	Afghanistan
Gujarat Titans	Narendra Modi Stadium	Sai Sudharsan	India
Gujarat Titans	Narendra Modi Stadium	Shubman Gill	India
Gujarat Titans	Narendra Modi Stadium	Wriddhiman Saha	India
Kolkata Knight Riders	Eden Gardens	Andre Russell	West Indies
Kolkata Knight Riders	Eden Gardens	Jason Roy	England
Kolkata Knight Riders	Eden Gardens	Nitish Rana	India
Kolkata Knight Riders	Eden Gardens	R Gurbaz	Afghanistan
Kolkata Knight Riders	Eden Gardens	Rinku Singh	India
Kolkata Knight Riders	Eden Gardens	Shardul Thakur	India
Kolkata Knight Riders	Eden Gardens	Sunil Narine	West Indies
Kolkata Knight Riders	Eden Gardens	Suyash Sharma	India
Kolkata Knight Riders	Eden Gardens	Vaidhavy Anona	India
Kolkata Knight Riders	Eden Gardens	Varun Chakravarty	India
Kolkata Knight Riders	Eden Gardens	Venkatesh Iyer	India
Lucknow Super Ga ints	Ekana Stadium	Ayush Badoni	India
Lucknow Super Ga ints	Ekana Stadium	Deepak Hooda	India
Lucknow Super Ga ints	Ekana Stadium	Krunal Pandya	India
Lucknow Super Ga ints	Ekana Stadium	Manan Vohra	India
Lucknow Super Ga ints	Ekana Stadium	Marcus Stoinis	Australia
Lucknow Super Ga ints	Ekana Stadium	Mohsin Khan	India
Lucknow Super Ga ints	Ekana Stadium	Naveen ul Haq	Afghanistan
Lucknow Super Ga ints	Ekana Stadium	Nicholas Pooran	West Indies
Lucknow Super Ga ints	Ekana Stadium	Quinton de Kock	South Africa
Lucknow Super Ga ints	Ekana Stadium	Ravi Bishnoi	India
Lucknow Super Ga ints	Ekana Stadium	Yash Thakur	India
Mumbai Indians	Wankhede Stadium	Akash Madhwal	India
Mumbai Indians	Wankhede Stadium	Cameron Green	Australia
Mumbai Indians	Wankhede Stadium	Hritik Shokeen	India
Mumbai Indians	Wankhede Stadium	Ishan Kishan	India
Mumbai Indians	Wankhede Stadium	Jason Behrendroff	Australia
Mumbai Indians	Wankhede Stadium	Piyush Chawla	India
Mumbai Indians	Wankhede Stadium	Riley Meredith	Australia
Mumbai Indians	Wankhede Stadium	Rohit Sharma	India
Mumbai Indians	Wankhede Stadium	Suryakumar Yadav	India
Mumbai Indians	Wankhede Stadium	Tilak Verma	India
Mumbai Indians	Wankhede Stadium	Tim David	Australia
Punjab Kings	PCA Stadium	Arsheep Singh	India
Punjab Kings	PCA Stadium	Atharva Taide	India
Punjab Kings	PCA Stadium	Harpreet Brar	India
Punjab Kings	PCA Stadium	Jitesh Sharma	India
Punjab Kings	PCA Stadium	Kagiso Rabada	South Africa
Punjab Kings	PCA Stadium	Liam Livingstone	England
Punjab Kings	PCA Stadium	Nathan Ellis	Australia
Punjab Kings	PCA Stadium	Rahul Chahar	India
Punjab Kings	PCA Stadium	Sam Curran	England
Punjab Kings	PCA Stadium	Shahrukh Khan	India
Punjab Kings	PCA Stadium	Shikhar Dhawan	India
Rajasthan Royals	Sawai Mansingh Stadium	Adam Zampa	Australia
Rajasthan Royals	Sawai Mansingh Stadium	Devdutt Padikkal	India
Rajasthan Royals	Sawai Mansingh Stadium	Jos Buttler	England
Rajasthan Royals	Sawai Mansingh Stadium	Navdeep Saini	India
Rajasthan Royals	Sawai Mansingh Stadium	Riyan Parag	India
Rajasthan Royals	Sawai Mansingh Stadium	Sandeep Sharma	India
Rajasthan Royals	Sawai Mansingh Stadium	Sanju Samson	India
Rajasthan Royals	Sawai Mansingh Stadium	Shimron Hetmyer	West Indies
Rajasthan Royals	Sawai Mansingh Stadium	Trent Boult	New Zealand
Rajasthan Royals	Sawai Mansingh Stadium	Yashasvi Jaiswal	India
Rajasthan Royals	Sawai Mansingh Stadium	Yuzvendra Chahal	India

Royal Challengers Bangalore	M Chinnaswamy Stadium	Akash Deep	India
Royal Challengers Bangalore	M Chinnaswamy Stadium	Dinesh Kartik	India
Royal Challengers Bangalore	M Chinnaswamy Stadium	Faf du Plessis	South Africa
Royal Challengers Bangalore	M Chinnaswamy Stadium	Glenn Maxwell	Australia
Royal Challengers Bangalore	M Chinnaswamy Stadium	Harshal Patel	India
Royal Challengers Bangalore	M Chinnaswamy Stadium	Josh Hazlewood	Australia
Royal Challengers Bangalore	M Chinnaswamy Stadium	Mahipal Lomror	India
Royal Challengers Bangalore	M Chinnaswamy Stadium	Mohammed Siraj	India
Royal Challengers Bangalore	M Chinnaswamy Stadium	Shahbaz Ahmed	India
Royal Challengers Bangalore	M Chinnaswamy Stadium	Virat Kohli	India
Royal Challengers Bangalore	M Chinnaswamy Stadium	Wanindu Hasaranga	Srilanka
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Abhishek Sharma	India
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Aiden Markram	South Africa
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Bhuvneshwar Kumar	India
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Glenn Phillips	New Zealand
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Heinrich Klaasen	South Africa
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Marco Jansen	South Africa
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Mayank Agarwal	India
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Rahul Tripathi	India
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	T Natarajan	India
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Umaran Malik	India
Sunrisers Hyderabad	Rajiv Gandhi International Stadium	Washington Sundar	India

110 rows in set (0.011 sec)

2. Display the bowlers detail of respective teams with wickets taken and best bowling.

MariaDB [IPL]> select

Players_Info.Players_Name,Players_Info.Bowling_Style,Players_Info.Current_Team,Bowling_Stats.Wickets,Bowling_Stats.Best_Bowling from Players_Info right join Bowling_Stats on Players_Name=Player_Name;

Players_Name	Bowling_Style	Current_Team	Wickets	Best_Bowling
Mohameed Shami	Right-Arm Fast	Gujarat Titans	28	11/4
Mohit Sharma	Right-Arm Medium Fast	Gujarat Titans	27	10/5
Rashid Khan	Right-Arm Leg Spin	Gujarat Titans	27	30/4
Piyush Chawla	Right-Arm Leg Break	Mumbai Indians	22	22/3
Yuzvendra Chahal	Right-Arm Leg Break	Rajasthan Royals	21	17/4
Tushar Deshpande	Right-Arm Fast	Chennai Super Kings	21	45/3
Ravindra Jadeja	Left-Arm Orthodox Spin	Chennai Super Kings	20	20/3
Varun Chakravarthi	Right-Arm Leg Break	Kolkata Knight Riders	20	15/4
Mohammed Siraj	Right-Arm Fast Medium	Royal Challengers Bangalore	19	21/4
Matheesha Pathirana	Right-Arm Fast	Chennai Super Kings	19	15/3
Anshdeep Singh	Left-Arm Medium Fast	Punjab Kings	17	29/4
Ravi Bishnoi	Right-Arm Leg Break	Lucknow Super Gaints	16	28/3
Noor Ahmed	Right-Arm Off Break	Gujarat Titans	16	37/3
Bhuvneshwar Kumar	Right-Arm Fast	Sunrisers Hyderabad	16	30/5
Akash Madhwal	Right-Arm Medium Fast	Mumbai Indians	14	5/5
Jason Behrendroff	Left-Arm Fast	Mumbai Indians	14	23/3
Harshal Patel	Right-Arm Fast Medium	Royal Challengers Bangalore	14	32/3
Trent Boult	Left-Arm Fast	Rajasthan Royals	13	29/3
Deepak Chahar	Right-Arm Fast Medium	Chennai Super Kings	13	22/3
Nathan Ellis	Right-Arm Fast	Punjab Kings	13	30/4
Yash Thakur	Right-Arm Fast	Lucknow Super Gaints	13	37/4
Axar Patel	Left-Arm Orthodox Spin	Delhi Capitals	11	13/2
Naveen ul Haq	Right-Arm Fast	Lucknow Super Gaints	11	30/3
Sunil Narine	Right-Arm Off Break	Kolkata Knight Riders	11	33/3
Maheesh Theekshana	Right-Arm Off Spin	Chennai Super Kings	11	23/2
Kuldeep Yadav	Left-Arm Unorthodox Spin	Delhi Capitals	10	15/2
Suyash Sharma	Right-Arm Leg Break	Kolkata Knight Riders	10	30/3
Sandeep Sharma	Right-Arm Medium Fast	Rajasthan Royals	10	25/2
Anrich Nortje	Right-Arm Fast	Delhi Capitals	10	20/2
T Natarajan	Left-Arm Fast	Sunrisers Hyderabad	10	23/2
Marco Jansen	Left-Arm Fast Medium	Sunrisers Hyderabad	10	16/2
Sam Curran	Left-Arm Fast Medium	Punjab Kings	10	31/3
Krunal Pandya	Left-Arm Spin	Lucknow Super Gaints	9	18/3
Moeen Ali	Right-Arm Off Spin	Chennai Super Kings	9	26/4
Harpreet Brar	Left-Arm Orthodox Spin	Punjab Kings	9	30/4
Wanindu Hasaranga	Right-Arm Leg Spin	Royal Challengers Bangalore	9	24/2
Khaileel Ahmed	Left-Arm Fast Medium	Delhi Capitals	9	24/2
Rahul Chahar	Right-Arm Leg Break	Punjab Kings	8	16/2
Adam Zampa	Right-Arm Leg Break	Rajasthan Royals	8	22/3
Joshua Little	Left-Arm Fast	Gujarat Titans	7	25/2
Kagiso Rabada	Right-Arm Fast	Punjab Kings	7	34/2
Shardul Thakur	Right-Arm Medium Fast	Kolkata Knight Riders	7	23/2
Mukesh Kumar	Right-Arm Fast	Delhi Capitals	7	30/2
Riley Meredith	Right-Arm Fast	Mumbai Indians	7	33/2
Andre Russell	Right-Arm Fast Medium	Kolkata Knight Riders	7	22/3
Cameron Green	Right-Arm Fast Medium	Mumbai Indians	6	41/2
Vaibhav Arora	Right-Arm Fast	Kolkata Knight Riders	5	30/2
Marcus Stoinis	Right-Arm Fast	Lucknow Super Gaints	5	20/2
Umaran Malik	Right-Arm Fast	Sunrisers Hyderabad	5	32/2
Washington Sundar	Right-Arm Off Break	Sunrisers Hyderabad	3	28/3
Josh Hazlewood	Right-Arm Fast	Royal Challengers Bangalore	3	15/2
Nitish Rana	Right-Arm Off Break	Kolkata Knight Riders	3	17/2
Glenn Maxwell	Right-Arm Off Break	Royal Challengers Bangalore	3	3/1
Hardik Pandya	Right-Arm Medium Fast	Gujarat Titans	3	10/1
Hrithik Shokeen	Right-Arm Off Break	Mumbai Indians	3	34/2
Mohsin Khan	Left-Arm Fast	Lucknow Super Gaints	3	24/1
Naveen Saini	Right-Arm Medium Fast	Rajasthan Royals	3	40/3
Lalit Yadav	Right-Arm Off Break	Delhi Capitals	2	29/1
Liam Livingstone	Right-Arm Leg Break	Punjab Kings	2	19/1
Glenn Phillips	Right-Arm Off Break	Sunrisers Hyderabad	1	10/1
Aiden Markram	Right-Arm Off Break	Sunrisers Hyderabad	1	24/1
Akash Deep	Right-Arm Medium Fast	Royal Challengers Bangalore	1	29/1
Shahbaz Ahmed	Left-Arm Orthodox Slow	Royal Challengers Bangalore	1	38/1

63 rows in set (0.149 sec)

3. Display the records of player who batted as well as bowled.

MariaDB [IPL]> select * from Batting_Stats left join Bowling_Stats
on Batting_Stats.Player_Name=Bowling_Stats.Player_Name;

MariaDB [IPL]> select * from Batting_Stats left join Bowling_Stats on Batting_Stats.Player_Name=Bowling_Stats.Player_Name;															
	Position	Player_Name	Runs	Highest_Score	100s	50s	4s	6s	Position	Player_Name	Wickets	Best_Bowling	EconomyRate	4w	5w
1	1	Shubman Gill	890	129	3	4	85	33	NULL	NULL	NULL	NULL	NULL	NULL	NULL
2	2	Faf du Plessis	730	84	0	8	60	36	NULL	NULL	NULL	NULL	NULL	NULL	NULL
3	3	Devon Conway	672	92	0	6	77	18	NULL	NULL	NULL	NULL	NULL	NULL	NULL
4	4	Virat Kohli	630	101	2	6	65	16	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5	5	Yashasvi Jaiswal	625	124	1	5	82	26	NULL	NULL	NULL	NULL	NULL	NULL	NULL
6	6	Suryakumar Yadav	605	103	1	5	65	28	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7	7	Ruturaj Gaikwad	590	92	0	4	46	30	NULL	NULL	NULL	NULL	NULL	NULL	NULL
8	8	David Warner	516	86	0	6	69	10	NULL	NULL	NULL	NULL	NULL	NULL	NULL
9	9	Rinku Singh	474	67	0	4	31	29	NULL	NULL	NULL	NULL	NULL	NULL	NULL
10	10	Ishan Kishan	454	75	0	3	54	18	NULL	NULL	NULL	NULL	NULL	NULL	NULL
11	11	Cameron Green	452	100	1	2	40	22	46	Cameron Green	6	41/2	9.5	0	0
12	12	Heinrich Klaasen	448	104	1	2	32	25	NULL	NULL	NULL	NULL	NULL	NULL	NULL
13	13	Nitish Rana	413	75	0	3	39	20	52	Nitish Rana	3	17/2	8.49	0	0
14	14	Marcus Stoinis	408	89	0	3	28	27	48	Marcus Stoinis	5	20/2	9.23	0	0
15	15	Venkatesh Iyer	404	104	1	2	32	21	NULL	NULL	NULL	NULL	NULL	NULL	NULL
16	16	Glenn Maxwell	400	77	0	5	29	31	53	Glenn Maxwell	3	3/1	9.09	0	0
17	17	Jos Buttler	392	95	0	4	42	14	NULL	NULL	NULL	NULL	NULL	NULL	NULL
18	18	Shikhar Dhawan	373	99	0	3	49	12	NULL	NULL	NULL	NULL	NULL	NULL	NULL
19	19	Wriddhiman Saha	371	81	0	2	47	8	NULL	NULL	NULL	NULL	NULL	NULL	NULL
20	20	Sanju Samson	362	66	0	3	25	24	NULL	NULL	NULL	NULL	NULL	NULL	NULL
21	21	Sai Sudharsan	362	96	0	3	33	12	NULL	NULL	NULL	NULL	NULL	NULL	NULL
22	22	Nicholas Pooran	358	62	0	2	26	26	NULL	NULL	NULL	NULL	NULL	NULL	NULL
23	23	Hardik Pandya	346	66	0	2	26	15	54	Hardik Pandya	3	10/1	9.12	0	0
24	24	Tilak Verma	343	84	0	1	26	23	NULL	NULL	NULL	NULL	NULL	NULL	NULL
25	25	Rohit Sharma	332	65	0	2	35	17	NULL	NULL	NULL	NULL	NULL	NULL	NULL
26	26	Ajinkya Rahane	326	71	0	2	24	16	NULL	NULL	NULL	NULL	NULL	NULL	NULL
27	27	Jitesh Sharma	309	49	0	0	22	21	NULL	NULL	NULL	NULL	NULL	NULL	NULL
28	28	Shimron Hetmyer	300	56	0	1	12	23	NULL	NULL	NULL	NULL	NULL	NULL	NULL
29	29	Jason Roy	285	61	0	2	36	12	NULL	NULL	NULL	NULL	NULL	NULL	NULL
30	30	Axar Patel	283	54	0	1	21	15	22	Axar Patel	11	13/2	7.19	0	0
31	31	Liam Livingstone	279	94	0	2	20	19	59	Liam Livingstone	2	19/1	13.42	0	0
32	32	Sam Curran	276	55	0	1	20	13	32	Sam Curran	10	31/3	10.22	0	0
33	33	Rahul Tripathi	273	74	0	1	29	10	NULL	NULL	NULL	NULL	NULL	NULL	NULL
34	34	Mayank Agarwal	270	83	0	1	29	6	NULL	NULL	NULL	NULL	NULL	NULL	NULL
35	35	Devdutt Padikkal	261	52	0	2	31	6	NULL	NULL	NULL	NULL	NULL	NULL	NULL
36	36	David Miller	259	46	0	0	18	13	NULL	NULL	NULL	NULL	NULL	NULL	NULL
37	37	Aiden Markram	248	50	0	1	18	8	61	Aiden Markram	1	24/1	8.57	0	0
38	38	Ayush Badoni	238	59	0	1	13	12	NULL	NULL	NULL	NULL	NULL	NULL	NULL
39	39	Tim David	231	45	0	0	12	15	NULL	NULL	NULL	NULL	NULL	NULL	NULL
40	40	Andre Russell	227	42	0	0	13	18	45	Andre Russell	7	22/3	11.34	0	0
41	41	R Gurbaz	227	81	0	2	17	15	NULL	NULL	NULL	NULL	NULL	NULL	NULL
42	42	Abhishek Sharma	226	67	0	2	28	6	NULL	NULL	NULL	NULL	NULL	NULL	NULL
43	43	Phil Salt	218	87	0	2	24	10	NULL	NULL	NULL	NULL	NULL	NULL	NULL
44	44	R Rossouw	209	82	0	1	17	11	NULL	NULL	NULL	NULL	NULL	NULL	NULL
45	45	Ravindra Jadeja	190	25	0	0	11	9	7	Ravindra Jadeja	20	20/3	7.56	0	0
46	46	Krunal Pandya	188	49	0	0	15	6	33	Krunal Pandya	9	18/3	7.45	0	0
47	47	Atharva Taide	186	66	0	2	20	6	NULL	NULL	NULL	NULL	NULL	NULL	NULL
48	48	Ambati Raydu	158	27	0	0	10	9	NULL	NULL	NULL	NULL	NULL	NULL	NULL
49	49	Shahrukh Khan	156	41	0	0	13	9	NULL	NULL	NULL	NULL	NULL	NULL	NULL
50	50	Quinton de Kock	143	70	0	1	10	8	NULL	NULL	NULL	NULL	NULL	NULL	NULL
51	51	Dinesh Kartik	140	30	0	0	13	5	NULL	NULL	NULL	NULL	NULL	NULL	NULL
52	52	Mahipal Lomror	135	54	0	1	9	8	NULL	NULL	NULL	NULL	NULL	NULL	NULL
53	53	Rashid Khan	130	79	0	1	8	13	3	Rashid Khan	27	30/4	8.23	1	0
54	54	Moeen Ali	124	23	0	0	12	6	34	Moeen Ali	9	26/4	7.5	1	0
55	55	Shardul Thakur	113	68	0	1	13	4	42	Shardul Thakur	7	23/2	10.47	0	0
56	56	Prithvi Shaw	106	54	0	1	16	1	NULL	NULL	NULL	NULL	NULL	NULL	NULL
57	57	M S Dhoni	104	32	0	0	3	10	NULL	NULL	NULL	NULL	NULL	NULL	NULL
58	58	Rahul Tewatia	87	20	0	0	3	7	NULL	NULL	NULL	NULL	NULL	NULL	NULL
59	59	Deepak Hooda	84	17	0	0	3	2	NULL	NULL	NULL	NULL	NULL	NULL	NULL
60	60	Riyan Parag	78	20	0	0	4	5	NULL	NULL	NULL	NULL	NULL	NULL	NULL
61	61	Lalit Yadav	66	38	0	0	8	0	58	Lalit Yadav	2	29/1	9.07	0	0
62	62	Washington Sundar	60	24	0	0	6	0	50	Washington Sundar	3	28/3	8.26	0	0
63	63	Harpreet Brar	52	17	0	0	5	2	35	Harpreet Brar	9	30/4	8.02	1	0
64	64	Shahbaz Ahmed	42	20	0	0	3	1	63	Shahbaz Ahmed	1	38/1	13.57	0	0
65	65	Bhuvneshwar Kumar	42	27	0	0	4	0	14	Bhuvneshwar Kumar	16	30/5	8.33	0	1
66	66	Glenn Phillips	39	25	0	0	2	4	60	Glenn Phillips	1	10/1	6.66	0	0
67	67	Marco Jansen	39	17	0	0	4	0	31	Marco Jansen	10	16/2	9.88	0	0
68	68	Anrich Nortje	37	23	0	0	6	0	29	Anrich Nortje	10	20/2	9.1	0	0
69	69	Wanindu Hasaranga	33	12	0	0	3	0	36	Wanindu Hasaranga	9	24/2	8.89	0	0
70	70	Kuldeep Yadav	31	10	0	0	2	0	26	Kuldeep Yadav	10	15/2	7.36	0	0
71	71	Piyush Chawla	25	18	0	0	1	1	4	Piyush Chawla	22	22/3	8.11	0	0
72	72	Hritik Shokeen	23	18	0	0	4	0	55	Hritik Shokeen	3	34/2	9.84	0	0
73	73	Sunil Narine	21	7	0	0	2	1	24	Sunil Narine	11	33/3	7.97	0	0
74	74	Ravi Bishnoi	20	5	0	0	1	0	12	Ravi Bishnoi	16	28/3	7.74	0	0
75	75	Umaran Malik	19	19	0	0	1	2	49	Umaran Malik	5	32/2	10.85	0	0
76	76	Akash Deep	17	17	0	0	2	1	62	Akash Deep	1	29/1	11.8	0	0
77	77	Trent Boult	16	15	0	0	1	1	18	Trent Boult	13	29/3	8.21	0	0
78	78	Naveen ul Haq	16	13	0	0	2	0	23	Naveen ul Haq	11	38/4	7.82	1	0
79	79	Yash Dhuil	16	13	0	0	1	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL
80	80	Manan Vohra	10	10	0	0	1	0	NULL	NULL	NULL	NULL	NULL	NULL	NULL
81	81	Adam Zampa	10	7	0	0	0	0	39	Adam Zampa	8	22/3	8.54	0	0
82	82	Noor Ahmed	8	7	0	0	1	0	13	Noor Ahmed	16	37/3	7.82	0	0
83	83	Mukesh Kumar	7	6	0	0	0	0	43	Mukesh Kumar	7	30/2	10.51	0	0
84	84	Harshal Patel	6	6	0	0	0	1	17	Harshal Patel	14	32/3	9.65	0	0
85	85	Jason Behrendroff	6	3	0	0	0	0	16	Jason Behrendroff	14	23/3	9.21	0	0
86	86	Mohameed Shami	5	5	0	0	1	0	1	Mohameed Shami	28	11/4	8.03	2	0
87	87	Vaibhav Arora	3	2	0	0	0	0	47	Vaibhav Arora	5	30/2	9.12	0	0
88	88	Arshdeep Singh	2	2	0	0	0	0	11	Arshdeep Singh	17	29/4	9.69	1	0
89	89	Sandeep Sharma	2	2	0	0	0	0	28	Sandeep Sharma	10	25/2	8.6	0	0
90	90	Deepak Chahar	1	1	0	0	0	0	19	Deepak Chahar	13	22/3	8.73	0	0
91	91	Josh Hazlewood	1	1	0	0	0	0	51	Josh Hazlewood	3	15/2	8.44	0	0
92	92	Mohammed Siraj	1	1	0	0	0	0	9	Mohammed Siraj	19	21/4	7.52	1	0
93	93	Nathan Ellis	1	1	0	0	0	0	20	Nathan Ellis	13	30/4	8.92	1	0
94	94	Varun Chakravathy	1	1	0	0	0	0	8	Varun Chakravathy	20	15/4	8.14	1	0
94 rows in set (0.001 sec)															

94 rows in set (0.001 sec)