

```
mysql> USE campus_event_management;
Database changed
mysql> SELECT * FROM College;
+-----+-----+
| id | name                |
+-----+-----+
| 1  | Reva University     |
| 2  | RV College of Engineering |
| 3  | BMS College of Engineering |
+-----+-----+
3 rows in set (0.10 sec)
```

```
mysql> SELECT * FROM Student;
+-----+-----+-----+-----+
| id | name      | email                | college_id |
+-----+-----+-----+-----+
| 11 | Akash     | akash@gmail.com      | 1          |
| 12 | Maneesh  | maneesh@gmail.com    | 2          |
| 13 | Preetham | preetham@gmail.com   | 2          |
| 14 | Vinayak  | vinayak@gmail.com   | 1          |
| 15 | Pranav   | pranav@gmail.com     | 1          |
| 16 | Koushik  | koushik@gmail.com   | 2          |
| 17 | Charvi   | charvi@gmail.com     | 3          |
| 18 | Goutham  | goutham@gmail.com   | 2          |
| 19 | Krishna  | krishna@gmail.com    | 3          |
| 20 | Bhargav  | bhargav@gmail.com   | 1          |
+-----+-----+-----+-----+
10 rows in set (0.01 sec)
```

```
mysql> SELECT * FROM Event;
+-----+-----+-----+-----+-----+
| id | name          | type      | date       | college_id |
+-----+-----+-----+-----+-----+
| 1  | Hackathon    | Workshop  | 2025-09-10 | 1          |
| 2  | Tech Talk    | Seminar   | 2025-09-12 | 1          |
| 3  | Cultural Fest | Fest      | 2025-09-15 | 2          |
| 4  | AI Symposium | Conference | 2025-09-18 | 1          |
| 5  | Sports Meet  | Sports    | 2025-09-20 | 2          |
| 6  | Code Quest   | Competition | 2025-09-22 | 3          |
| 7  | Music Night  | Cultural  | 2025-09-25 | 3          |
+-----+-----+-----+-----+-----+
```

10 rows in set (0.01 sec)

mysql> SELECT * FROM Registration;

id	student_id	event_id
11	11	1
12	12	2
13	13	3
14	14	4
15	15	5
16	16	6
17	17	7
18	18	8
19	19	1
20	20	2

10 rows in set (0.01 sec)

mysql> SELECT * FROM Attendance;

id	student_id	event_id
1	11	1
2	12	1
3	13	2
4	14	3
5	15	4
6	16	5
7	17	6
8	18	7
9	19	8
10	20	2

10 rows in set (0.00 sec)

mysql> SELECT * FROM Feedback;

id	student_id	event_id	rating	comments
1	11	1	5	Great learning experience

```
mysql> SELECT * FROM Feedback;
```

id	student_id	event_id	rating	comments
1	11	1	5	Great learning experience
2	12	1	4	Very informative
3	13	2	5	Excellent speaker
4	14	3	4	Enjoyed the event
5	15	4	5	Well organized
6	16	5	3	Could be better
7	17	6	5	Challenging and fun
8	18	7	4	Good performances
9	19	8	5	Amazing event
10	20	2	4	Useful session

```
10 rows in set (0.01 sec)
```

```
mysql> SELECT e.name AS event_name, COUNT(r.id) AS total_registrations
-> FROM Event e
-> LEFT JOIN Registration r ON e.id = r.event_id
-> GROUP BY e.id
-> ORDER BY total_registrations DESC;
```

event_name	total_registrations
Hackathon	2
Tech Talk	2
Cultural Fest	1
AI Symposium	1
Sports Meet	1
Code Quest	1
Music Night	1
Robotics Expo	1
Hackathon	0
Hackathon	0

```
10 rows in set (0.04 sec)
```

```
mysql> SELECT e.name AS event_name,
-> COUNT(a.id) * 100 / COUNT(r.id) AS attendance_percentage
-> FROM Event e
```

MySQL 8.3 Command Line Cli

Cultural Fest	1
AI Symposium	1
Sports Meet	1
Code Quest	1
Music Night	1
Robotics Expo	1
Hackathon	0
Hackathon	0

10 rows in set (0.04 sec)

```
mysql> SELECT e.name AS event_name,
->      COUNT(a.id) * 100 / COUNT(r.id) AS attendance_percentage
-> FROM Event e
-> LEFT JOIN Registration r ON e.id = r.event_id
-> LEFT JOIN Attendance a ON e.id = a.event_id AND r.student_id = a.student_id
-> GROUP BY e.id;
```

event_name	attendance_percentage
Hackathon	50.0000
Tech Talk	50.0000
Cultural Fest	0.0000
AI Symposium	0.0000
Sports Meet	0.0000
Code Quest	0.0000
Music Night	0.0000
Robotics Expo	0.0000
Hackathon	NULL
Hackathon	NULL

10 rows in set, 2 warnings (0.01 sec)

```
mysql> SELECT e.name AS event_name, AVG(f.rating) AS avg_feedback
-> FROM Event e
-> LEFT JOIN Feedback f ON e.id = f.event_id
-> GROUP BY e.id;
```

event_name	avg_feedback
Hackathon	4.5000

3 23°C Mostly cloudy

Search

ENG IN 09:50 07-09-2025

```
mysql> SELECT e.name AS event_name, AVG(f.rating) AS avg_feedback
-> FROM Event e
-> LEFT JOIN Feedback f ON e.id = f.event_id
-> GROUP BY e.id;
```

event_name	avg_feedback
Hackathon	4.5000
Tech Talk	4.5000
Cultural Fest	4.0000
AI Symposium	5.0000
Sports Meet	3.0000
Code Quest	5.0000
Music Night	4.0000
Robotics Expo	5.0000
Hackathon	NULL
Hackathon	NULL

10 rows in set (0.00 sec)

```
mysql> SELECT s.name AS student_name, COUNT(a.id) AS events_attended
-> FROM Student s
-> LEFT JOIN Attendance a ON s.id = a.student_id
-> GROUP BY s.id
-> ORDER BY events_attended DESC;
```

student_name	events_attended
Akash	1
Maneesh	1
Preetham	1
Vinayak	1
Pranav	1
Koushik	1
Charvi	1
Goutham	1
Krishna	1
Bhargav	1

10 rows in set (0.00 sec)

Akash	1
Maneesh	1
Preetham	1
Vinayak	1
Pranav	1
Koushik	1
Charvi	1
Goutham	1
Krishna	1
Bhargav	1

10 rows in set (0.00 sec)

```
mysql> SELECT s.name AS student_name, COUNT(a.id) AS events_attended
-> FROM Student s
-> LEFT JOIN Attendance a ON s.id = a.student_id
-> GROUP BY s.id
-> ORDER BY events_attended DESC
-> LIMIT 3;
```

student_name	events_attended
Akash	1
Maneesh	1
Preetham	1

3 rows in set (0.00 sec)

```
mysql> |
```