

# INSERT

```
mysql> INSERT INTO employees (first_name, last_name, email, salary)
-> VALUES ('Ravi', 'Kumar', 'ravi@example.com', 25000);
Query OK, 1 row affected (0.03 sec)
```

```
mysql> SELECT * FROM audit_log;
+-----+-----+-----+-----+-----+-----+-----+
| id | table_name | operation | row_id | performed_by | performed_at | old_row | new_row |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | employees | INSERT | 1 | root@localhost | 2025-09-24 17:22:25 | NULL | {"email": "ravi@example.com", "emp_id": 1, "salary": 25000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:22:25.000000"} |
+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

# UPDATE

```
mysql> UPDATE employees
-> SET salary = 30000
-> WHERE emp_id = 1;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> SELECT * FROM audit_log;
+-----+-----+-----+-----+-----+-----+-----+
| id | table_name | operation | row_id | performed_by | performed_at | old_row | new_row |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | employees | INSERT | 1 | root@localhost | 2025-09-24 17:22:25 | NULL | {"email": "ravi@example.com", "emp_id": 1, "salary": 25000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:22:25.000000"} |
| 2 | employees | UPDATE | 1 | root@localhost | 2025-09-24 17:24:46 | {"email": "ravi@example.com", "emp_id": 1, "salary": 25000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:22:25.000000"} | {"email": "ravi@example.com", "emp_id": 1, "salary": 30000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:24:46.000000"} |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

# DELETE

```
mysql> DELETE FROM employees
-> WHERE emp_id = 1;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM audit_log;
+-----+-----+-----+-----+-----+-----+-----+
| id | table_name | operation | row_id | performed_by | performed_at | old_row | new_row |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | employees | INSERT | 1 | root@localhost | 2025-09-24 17:22:25 | NULL | {"email": "ravi@example.com", "emp_id": 1, "salary": 25000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:22:25.000000"} |
| 2 | employees | UPDATE | 1 | root@localhost | 2025-09-24 17:24:46 | {"email": "ravi@example.com", "emp_id": 1, "salary": 25000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:22:25.000000"} | {"email": "ravi@example.com", "emp_id": 1, "salary": 30000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:24:46.000000"} |
| 3 | employees | DELETE | 1 | root@localhost | 2025-09-24 17:28:18 | {"email": "ravi@example.com", "emp_id": 1, "salary": 30000.00, "last_name": "Kumar", "first_name": "Ravi", "updated_at": "2025-09-24 17:24:46.000000"} | NULL |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```