

**Activity 4:-**

**P. Sahith Sai**

**Reg.No:192425029**

**Roll.No:31**

**Artificial Intelligence Research System:**

**GRANT**

1. Grant all privileges on database AIDB to user ai\_admin.
2. Grant SELECT and UPDATE privileges on Models table to user researcher\_user.
3. Grant EXECUTE privilege on TrainingProcedures table to user analyst\_user.

**REVOKE**

4. Revoke UPDATE privilege on Models table from researcher\_user.
5. Revoke EXECUTE privilege on TrainingProcedures from analyst\_user.
6. Revoke CREATE VIEW privilege from intern\_ai.

**USER MANAGEMENT (Optional)**

7. Create user reviewer\_user with password review@ai.
8. Grant SELECT and REFERENCES privileges on Datasets table to reviewer\_user.
9. Revoke REFERENCES privilege from reviewer\_user.

```
mysql> CREATE DATABASE AIDB;
Query OK, 0 rows affected

mysql> USE AIDB;
Query OK, 0 rows affected ->| SET "az@bm'1D8WJFIFY 'pass123');

mysql> CREATE USER 'ai_admin'@'localhost' IDENTIFIED BY pass123;
Query OK, 0 rows affected (0.10 sec)

mysql> CREATE USER 'researcher_user'@'localhost' IDENTIFIED BY pass123;
Query OK, 0 rows affected (0.10 sec)

mysql> CREATE USER 'analyst'@'localhost' IDENTIFIED BY pass123;
Query OK, 0 rows affected (0.10 sec)

mysql> CREATE ALL PRIVILEGES ON AIDB.* TO 'ai_admin'@'localhost';
Query OK, 0 rows affected (0.09 sec)           ''analyst'')

mysql> GRANT SELECT, UPDATE ON AIDB.Models TO 'researcher_user'@'localhost';
Query OK, 0 rows affected (0.06 sec)

mysql> GRANT EXECUTE ON PROCEDURE AIDB.TrainingProcedure1 TO 'analyst';
Query OK, 0 rows affected (0.07 sec)

mysql> REVOKE UPDATE ON AIDB.Models FROM 'researcher_user'@'localhost';
Query OK, 0 rows affected (0.06 sec)

mysql> REVOKE EXECUTE ON AIDB.TrainingProcedure1 FROM 'analyst';
Query OK, 0 rows affected (0.06 sec)

mysql> FLUSH PRIVILEGES;
```