Database Transaction

1.database transaction is a SQL statement executed in multiple tables

2.ACID means Automatic operation must succeed or fail

consistency-operation performed in predictable way

Isolation-One transaction cannot impact other

Durability-any power outage or loss of database, no data loss should be come out of it

3.Transaction-Ensures the database never contains the result of partial operations.

4.Transaction commit, Transaction abort are two types of methods to create Transaction SQL.

5.MYSQL by default works with AUTOCOMMIT set to true, which means everyone automatically commits the changes permanently to database

6.View,Users and permissions in MYSQL is a virtual table granted by the user.

7.Jobs database through discovery does the roles application and has SQL queries

8.Permission Type with appropriate keyword

9.Grant select

10.Query Engine has three components

Syntax parser

Query optimizer

Execution Transaction