SQL Tutorial

SQL

Agenda

1	Transactions in SQL

e_id	e_name	e_salary	e_age	e_gender	e_dept
1	Sam	95000	45	Male	Operations
2	Bob	80000	21	Male	Support
3	Anne	125000	25	Female	Analytics
4	Julia	73000	30	Female	Analytics
5	Matt	159000	33	Male	Sales
6	Jeff	112000	27	Male	Operations

Transactions in SQL

Transaction is a group of commands that change the data stored in a database.

```
begin try
    begin transaction
            update employee set e_salary=50
where e_gender='Male'
            update employee set
e_salary=195/0 where e_name='Female'
            commit transaction
    Print 'transaction committed'
end try
begin catch
    rollback transaction
            print 'transaction rolledback'
end catch
```

Single Unit

Transactions in SQL

Transaction is a group of commands that change the data stored in a database.

```
begin try
    begin transaction
            update employee set e_salary=50
where e_gender='Male'
            update employee set
e_salary=195/0 where e_name='Female'
            commit transaction
    Print 'transaction committed'
end try
begin catch
    rollback transaction
            print 'transaction rolledback'
end catch
```

```
Command Fail
```

```
RollBack
```

Transactions in SQL

Transaction is a group of commands that change the data stored in a database.

```
begin try
    begin transaction
            update employee set
e_salary=50 where e_gender='Male'
            update employee set
e_salary=195 where e_name='Female'
            commit transaction
    Print 'transaction committed'
end try
begin catch
    rollback transaction
            print 'transaction rolledback'
end catch
```

Commands
Success

Committed

Thank You