View : It’s a virtual table that takes data from base table

**Actually it does not contain any data**, Data comes only from base table

**Purpose : Security so that all the users should not see all the data. We want to give**

**Restricted view of the data to the users depending upon their requirements.**

Create view V1

As

Select \* from tablename

Select \* from V1

Can we do DML operation thru a View : YES

If we do some DML operations , it will always effect base table ,not view , because it does not contain any data

If we delete view , records will get deleted from the table ? **NO**

**Views can be of two types**

**Simple : The views which are based on single table**

**Complex : The views which are based on more than one table by using joins**

**Here we can do nor perform DML(Insertion) operations**

[**https://www.dotnettricks.com/learn/sqlserver/different-types-of-sql-server-views**](https://www.dotnettricks.com/learn/sqlserver/different-types-of-sql-server-views)

To make View : create View

Modify view : alter view

Remove view : Drop View

select \* from employee

alter View SalaryMoreThan18000

As

select \* from employee where salary > 20000

with check option

select \* from SalaryMoreThan18000

insert into SalaryMoreThan18000 values

(11,'Jatin','HR',21000,'Delhi')

insert into SalaryMoreThan18000 values

(14,'Jatin','HR',1000,'Delhi')

use practice

select \* from sys.tables

select \* from Employee

delete from Employee where dept = '9000'

create View hrView

As

Select \* from employee where dept='HR'

select \* from hrView

create View AcctsView

As

Select \* from employee where dept='Accts'

select \* from AcctsView

create view V1

as

Select id ,name from employee

select \* from v1

insert into hrView values (13,'Ajay',

'Accts', 900, 'Delhi')

SELECT \* FROM INFORMATION\_SCHEMA.TABLES

select \* from sys.tables