

3 different ways for deleting duplicate records

```
select * from tbl_student;
```

Data duplicate based on some columns

1) `insert into tbl_student values(1, 'chaitra'),(2, 'shravani'),(3, 'shravani');`

```
with cte as
(select S.* , ROW_NUMBER() over (partition by name order by name ) as rownum
from tbl_student S)
delete from cte where rownum >1;
```

Data duplicate based on all columns

2) `insert into tbl_student values(1, 'chaitra'),(2, 'shravani'),(2, 'shravani');`

```
with cte as
(select S.* , ROW_NUMBER() over (partition by id, name order by id, name ) as
rownum from tbl_student S)
delete from cte where rownum >1;
```

3) `insert into tbl_student values(1, 'chaitra'),(2, 'shravani'),(2, 'shravani');`

```
alter table tbl_student
add row_number int identity;

delete from tbl_student
where ROW_NUMBER not in (
select max(row_number)
from tbl_student
group by id, name )

alter table tbl_student drop column row_number;
```