Add primary key constraint for a column

* alter table employee add constraint PK\_employee Primary key (id);

Add auto increment(identity) for id

* alter table employee drop constraint PK\_employee;
* alter table employee drop column id;
* alter table employee add id int not null primary key identity;

Change datatype for a column

* First, remove constraint if available.
* alter table employee alter column emp\_designation varchar (155) not null;

Rename column name

* exec sp\_rename 'employee.emp\_department', 'emp\_dep', 'column';

Query to create a new table like old table without data / Query to create a new, empty table using the schema of another, without returning any data:

* Select \* into new\_table from old\_table where 1=0;

Query to create a new table like another table from another database / Query to copy the data of one table into a new table in another database.

* Select \* into server\_name.schema.new\_table from server\_name.schema.old\_table;

Ex: select \* into sql\_workshop.dbo.employee1 from EMPLOYEE1.dbo.Employee;

Query to copy the data of old table into new table with different column names

* Insert into new\_table (col1, col2, col3) select column1, column2, column3 from old\_table;

Ex: insert into emp\_backup (old\_emp\_name, old\_emp\_email, old\_emp\_department, old\_emp\_salary, old\_emp\_city) select emp\_name, emp\_email, emp\_department, emp\_salary, emp\_city from employee\_details