

## DML Queries in SQL

### Creating table sales with 3 columns

```
create table sales(Sale_Value INT, Profit INT, Region VARCHAR(20));
```

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### Inserting records in the table 'sales'

```
insert into sales values(45039, 3456, "Bengaluru");  
insert into sales values(32434, 5456, "Delhi");  
insert into sales values(1234, 3456, "Lucknow");  
insert into sales values(124123, 55555, "Mumbai");  
insert into sales values(45039, 1231, "Chennai");  
insert into sales values(54312, 3456, "Pondicherry");  
insert into sales values(13234, 1222, "Trichy");
```

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### Selecting records and using Where Clause

```
select Profit from sales;  
select Profit, Region from sales;  
select * from sales where Profit>5000;  
select * from sales where Profit<5000;  
select * from sales where Sale_Value=1234;  
select * from sales where Profit<=3456;  
select * from sales where Sale_Value>=40000;  
select * from sales where Region="Chennai";  
select Sale_Value, Profit from sales where Region="Delhi";  
select Sale_Value from sales where Region="Delhi" and Profit=5456;  
select Sale_Value from sales where Region="Delhi" or Profit=3456;  
select Sale_Value from sales where Region="Delhi" or Profit<=3456;
```

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### Updating records using Where, Between and Not Between

update sales set Region="Manipal" where Region="Lucknow";

update sales set Profit=1000 where Profit>5000 and Profit<10000;

update sales set Profit=1000 where Profit!=3456;

select \* from sales where Profit between 1000 and 4000;

update sales set Profit=5000 where Profit between 3000 and 4000;

select \* from sales where Profit not between 1000 and 4000;

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### Deleting records based on Where Clause

delete from sales where Profit=1000;

select \* from sales;

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