

# 3.DML in MS-SQL Server.

## 3.1 INSERT

Introduction to SQL Server INSERT statement

```
1 INSERT INTO table_name (column_list)
2 VALUES (value_list);
```

### INSERT Multiple Rows

```
1 INSERT INTO table_name (column_list)
2 VALUES
3     (value_list_1),
4     (value_list_2),
5     ...
6     (value_list_n);
```

## 3.2 UPDATE

To modify existing data in a table, you use the following UPDATE statement:

with the following syntax:

```
1 UPDATE table_name
2 SET c1 = v1, c2 = v2, ... cn = vn
3 [WHERE condition]
```

## 3.3 DELETE

Introduction to SQL Server DELETE statement

To remove one or more rows from a table completely, you use the DELETE statement.

The following illustrates its syntax:

```
1 DELETE [ TOP ( expression ) [ PERCENT ] ]
2 FROM table_name
3 [WHERE search_condition];
```

```
1 | DELETE FROM target_table;
```

```
1 | DELETE TOP 10 FROM target_table;
```