

SESSIONS 1

INSERT Statement

Data Science Program

INSERT INTO

- The INSERT INTO statement is used to insert new records in a table.
- It is possible to write the INSERT INTO statement in two ways.

1) First Method to INSERT INTO

- The first way specifies both the column names and the values to be inserted:

```
INSERT INTO table_name (column1, column2, column3, ...)  
VALUES (value1, value2, value3, ...);
```

INSERT INTO

1) First Method to INSERT INTO

```
INSERT INTO persons (PersonID, LastName, FirstName, Address, City)  
VALUES (01, 'Andrew', 'Michael', 'Jln. Mawar', 'BSD');
```

PersonID	LastName	FirstName	Address	City
1	Andrew	Michael	Jln. Mawar	BSD

INSERT INTO

2) Second Method to INSERT INTO

- If you are adding values for all the columns of the table, you do not need to specify the column names in the SQL query.
- However, make sure the order of the values is in the same order as the columns in the table.
- The INSERT INTO syntax would be as follows:

```
INSERT INTO table_name  
VALUES (value1, value2, value3, ...);
```

INSERT INTO

2) Second Method to INSERT INTO

INSERT INTO persons

VALUES (02, 'Zidane', 'Zinedine', 'Jln. Anggrek', 'DKI');

PersonID	LastName	FirstName	Address	City
1	Andrew	Michael	Jln. Mawar	BSD
2	Zidane	Zinedine	Jln. Anggrek	DKI

Reference

https://www.w3schools.com/sql/sql_insert.asp