

SESSIONS 1

UPDATE and DELETE Statements

Data Science Program

UPDATE

UPDATE

- The UPDATE statement is used to modify the existing records in a table.

```
UPDATE table_name  
SET column1 = value1, column2 = value2, ...  
WHERE condition;
```

UPDATE

Before:

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

UPDATE persons

SET Address = 'Jln. Melati', City= 'DKI'

WHERE PersonID = 1;

After:

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

UPDATE

Before:

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

UPDATE persons

SET LastName = 'Andrea', FirstName = 'Robert'

WHERE PersonID = 2;

After:

PersonID	LastName	FirstName	Address	City
1	Andrew	Michael	Jln. Melati	DKI
2	Andrea	Robert	Jln. Anggrek	DKI

DELETE

DELETE

- The DELETE statement is used to delete existing records in a table.

```
DELETE FROM table_name  
WHERE condition;
```

DELETE

'Pelanggan' Table

Before:

No	Nama	Usia	Berat	Kota	Tahun	Data_Diinput
2	Andi Santosa	42	78.2	Jakarta	2001	NULL
3	Budi Permana	32	88.1	Jakarta	1999	NULL
4	Cecep Sutisna	35	68.9	Bandung	2000	NULL
5	Dedi Hartanto	32	71.3	Salatiga	1998	NULL
6	Eva Soraya	32	48.1	Medan	2015	NULL
7	Farah Naimah	29	52.2	Surabaya	2010	NULL
8	Gianti Safitri	29	51.6	Bandung	2017	NULL
9	Hamzah Syah	34	66.0	Yogyakarta	2008	NULL
10	Irene Sukindar	25	49.3	Jakarta	2016	NULL
11	Joni Saputra	28	69.8	Yogyakarta	2000	NULL

DELETE

DELETE FROM pelanggan WHERE Usia = 28;

After:

No	Nama	Usia	Berat	Kota	Tahun	Data_Diinput
2	Andi Santosa	42	78.2	Jakarta	2001	NULL
3	Budi Permana	32	88.1	Jakarta	1999	NULL
4	Cecep Sutisna	35	68.9	Bandung	2000	NULL
5	Dedi Hartanto	32	71.3	Salatiga	1998	NULL
6	Eva Soraya	32	48.1	Medan	2015	NULL
7	Farah Naimah	29	52.2	Surabaya	2010	NULL
8	Gianti Safitri	29	51.6	Bandung	2017	NULL
9	Hamzah Syah	34	66.0	Yogyakarta	2008	NULL
10	Irene Sukindar	25	49.3	Jakarta	2016	NULL

Reference

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

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