

# **SQL**

## **SETS**

Alish Bista - 09/01/2025

# SETS

# SETS

## Venn There, Done That!

- Modifying data that already exists

- *Update one person's email*

UPDATE users

SET email = 'alice.johnson@newemail.com'

WHERE name = 'Alice Johnson';

- *Update multiple fields at once*

UPDATE users

SET age = 29, email = 'alice.new@email.com'

WHERE id = 1;

# INTERSECT

# INTERSECT

## Thanos Snap!

- Removes specific (or all) records from a table

- *Remove one specific record*

```
DELETE FROM users WHERE id = 1;
```

- *Remove records meeting a condition*

```
DELETE FROM users WHERE age < 18;
```

- *Remove all records from a table*

```
DELETE FROM users;
```

**EXCEPT**

# EXCEPT

## Thanos Snap!

- Removes specific (or all) records from a table

- *Remove one specific record*

```
DELETE FROM users WHERE id = 1;
```

- *Remove records meeting a condition*

```
DELETE FROM users WHERE age < 18;
```

- *Remove all records from a table*

```
DELETE FROM users;
```

**UNION**

# UNION

## Thanos Snap!

- Removes specific (or all) records from a table

- *Remove one specific record*

```
DELETE FROM users WHERE id = 1;
```

- *Remove records meeting a condition*

```
DELETE FROM users WHERE age < 18;
```

- *Remove all records from a table*

```
DELETE FROM users;
```

**UNION ALL**

# UNION ALL

## Thanos Snap!

- Removes specific (or all) records from a table

- *Remove one specific record*

```
DELETE FROM users WHERE id = 1;
```

- *Remove records meeting a condition*

```
DELETE FROM users WHERE age < 18;
```

- *Remove all records from a table*

```
DELETE FROM users;
```

# UNION vs UNION ALL

## Thanos Snap!

- Removes specific (or all) records from a table

- *Remove one specific record*

DELETE FROM users WHERE id = 1;

- *Remove records meeting a condition*

DELETE FROM users WHERE age < 18;

- *Remove all records from a table*

DELETE FROM users;