

A modern conference room with large windows and a long table. The room is empty, with several office chairs arranged around the table. The view outside the windows shows a cityscape. The text "DEFAULT Constraint" is overlaid in the center.

DEFAULT Constraint

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helps us assign a particular default value to every row of a column

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- a value different from the default can be stored in a field where the DEFAULT constraint has been applied, *only if specifically indicated.*

DEFAULT Constraint

Customers				
customer_id	first_name	last_name	email_address	number_of_complaints
1	John	McKinley	john.mackinley@365careers.com	0
2	Elizabeth	McFarlane	e.mcfarlane@365careers.com	2
3	Kevin	Lawrence	kevin.lawrence@365careers.com	1
4	Catherine	Winnfield	c.winnfield@365careers.com	0

DEFAULT Constraint



SQL

```
CREATE TABLE customers
(
    customer_id INT,
    first_name VARCHAR(255),
    last_name VARCHAR(255),
    email_address VARCHAR(255),
    number_of_complaints INT DEFAULT 0,
    PRIMARY KEY (customer_id)
);
```

DEFAULT Constraint

Customers					
customer_id	first_name	last_name	gender	email_address	number_of_complaints
1	John	McKinley	M	john.mackinley@365careers.com	0

DEFAULT Constraint

Customers					
customer_id	first_name	last_name	gender	email_address	number_of_complaints
1	John	McKinley	M	john.mackinley@365careers.com	0
2					

DEFAULT Constraint

Customers					
customer_id	first_name	last_name	gender	email_address	number_of_complaints
1	John	McKinley	M	john.mackinley@365careers.com	0
2	Peter	Figaro	M		

Data Definition Language

Data Definition Language (DDL)

- CREATE
- ALTER
- DROP