**Simple Definition:**

A Trigger is like an automatic reaction in a database.

Whenever something happens in a table (like INSERT, UPDATE, or DELETE),  
the trigger automatically runs a set of SQL statements that *you* define.

**Basic Trigger Syntax**

DELIMITER //

CREATE TRIGGER trigger\_name

AFTER|BEFORE INSERT|UPDATE|DELETE ON table\_name

FOR EACH ROW

BEGIN

-- what to do automatically

END //

DELIMITER **;**

**🔹** AFTER INSERT — tells when trigger will fire  
🔹 FOR EACH ROW — means trigger runs for every new row added  
🔹 BEGIN...END — where we write trigger logic

**Kinds of Triggers**

| **Type** | **When it runs** | **Example** |
| --- | --- | --- |
| **BEFORE INSERT** | before adding new row | check data before saving |
| **AFTER INSERT** | after adding new row | log data somewhere |
| **BEFORE UPDATE** | before updating row | check old vs new values |
| **AFTER UPDATE** | after updating row | record changes |
| **BEFORE DELETE** | before deleting row | prevent delete |
| **AFTER DELETE** | after deleting row | store deleted data in another table |