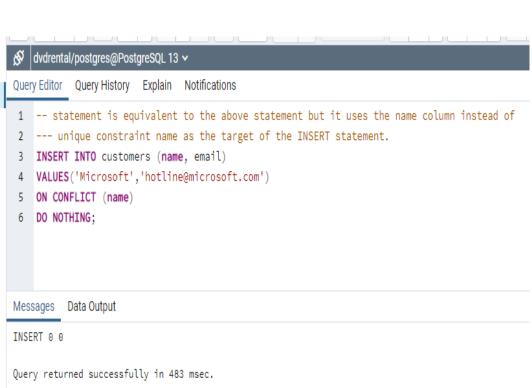
### **POSTGRESQL UPSERT**

## Ø dvdrental/postgres@PostgreSQL 13 ∨ Query Editor Query History Explain Notifications 1 -- creates a new table called customers DROP TABLE IF EXISTS customers; 4 CREATE TABLE customers ( customer\_id serial PRIMARY KEY, 5 name VARCHAR UNIQUE, 7 email VARCHAR NOT NULL, active bool NOT NULL DEFAULT TRUE 8 9); Messages Data Output NOTICE: table "customers" does not exist, skipping CREATE TABLE Query returned successfully in 358 msec.

# Query Editor Query History Explain Notifications 1 --INSERT statement inserts some rows into the customers table 2 INSERT INTO 3 customers (name, email) 4 VALUES 5 ('IBM', 'contact@ibm.com'), ('Microsoft', 'contact@microsoft.com'), 6 7 ('Intel', 'contact@intel.com'); Messages Data Output INSERT 0 3 Query returned successfully in 516 msec.

# dvdrental/postgres@PostgreSQL13 > Query Editor Query History Explain Notifications 1 -- Microsoft changes the contact email from contact@microsoft.com to hotline@microft.com, we can update 2 -- using the UPDATE statement. However, to demonstrate the upsert feature, 3 -- use the following INSERT ON CONFLICT statement 4 INSERT INTO customers (NAME, email) 5 VALUES('Microsoft', 'hotline@microsoft.com') 6 ON CONFLICT ON CONSTRAINT customers\_name\_key 7 DO NOTHING; Messages Data Output INSERT 0 0 Query returned successfully in 476 msec.



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Query returned successfully in 298 msec.

