| **FOREIGN KEY**  * Es un campo (o campos) en una tabla, que hace referencia a la PRIMARY KEY de otra tabla. * Es una restricción que se utiliza para evitar acciones que dañen los vínculos entre tablas. * Ejemplo:   **CREATE DATABASE ExampleOrders;** **USE** **ExampleOrders;**  **CREATE TABLE Persons**  **(**  **PersonID int NOT NULL auto\_increment, -- contador**  **PersonName varchar(30) NOT NULL,**    **PRIMARY KEY (PersonID)**  **);**  **CREATE TABLE Orders**  **(**  **OrderID int NOT NULL auto\_increment,**  **OrderValue int NOT NULL,**  **OrderDate date NOT NULL,**  **PersonID\_FK int NOT NULL,**  **PRIMARY KEY (OrderID),**  **FOREIGN KEY (PersonID\_FK) REFERENCES Persons(PersonID)**  **);**  **SHOW TABLES;**  **DESC Persons;**  **DESC Orders;**    **INSERT INTO Persons (PersonID,PersonName)**  **VALUES (1,"ADRIANA LUCIA");**    **INSERT INTO Persons (PersonName)**  **VALUES ("DANNA CAMILA");**    **INSERT INTO Persons()**  **VALUES (3,"MIGUEL ANGEL");**    **INSERT INTO Persons (PersonName)**  **VALUES**  **("JASON ANDRÉS"),**  **("ANDRES FELIPE"),**  **("JUAN ESTEBAN"),**  **("LUDWIG SMITH"),**  **("SANTIAGO"),**  **("JONATAN CAMILO"),**  **("JULIAN DAVID"),**  **("SEBASTIAN"),**  **("JUAN PABLO"),**  **("ANDRES FELIPE"),**  **("JUAN SEBASTIAN"),**  **("SANTIAGO"),**  **("JHON KILLIAN"),**  **("JUAN DIEGO"),**  **("JOSEPH DONOVAN"),**  **("JORDAN MICHELL"),**  **("HENRY ALEJANDRO");**    **SELECT \* FROM Persons;**  **SELECT PersonID AS "Código Cliente", PersonName AS "Nombre Cliente"**  **FROM Persons;**  **INSERT INTO Orders(OrderValue,OrderDate,PersonID\_FK)**  **VALUES (100000,"2021-12-01",15);**    **INSERT INTO Orders(OrderValue,OrderDate,PersonID\_FK)**  **VALUES (750,"2021-12-14",15);**    **INSERT INTO Orders(OrderValue,OrderDate,PersonID\_FK)**  **VALUES (530,"2024-03-22",10);**    **INSERT INTO Orders(OrderValue,OrderDate,PersonID\_FK)**  **VALUES (8970,"2022-05-12",1);**  **SELECT \* FROM Orders;**  **SELECT OrderID as 'Num Factura', OrderDate as 'Fecha compra'**  **FROM Orders**  **WHERE PersonID\_FK = 10;** |
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