

CREAZIONE DI TABELLE CON LINGUAGGIO SQL

```
CREATE TABLE Category (  
  CategoryID INT,  
  Name VARCHAR (25),  
  CONSTRAINT PK_Category PRIMARY KEY (CategoryID));
```

```
CREATE TABLE Pizza (  
  PizzalD INT,  
  CategoryID INT,  
  Name VARCHAR (25),  
  Cost DECIMAL (2,2),  
  CONSTRAINT PK_Pizza PRIMARY KEY (PizzalD),  
  CONSTRAINT FK_Pizza_Category FOREIGN KEY (CategoryID),  
  REFERENCES Category (CategoryID));
```

```
CREATE TABLE Customer (  
  CustomerID INT,  
  Name VARCHAR(25),  
  Address VARCHAR(30),  
  City VARCHAR(20),  
  Email VARCHAR(30),  
  PRIMARY KEY (CustomerID));
```

```
CREATE TABLE Order (  
  OrderID INT,  
  CustomerID INT,  
  TableNumber INT,  
  PRIMARY KEY (OrderID)  
  FOREIGN KEY (CustomerID) REFERENCES Customer (CustomerID));
```

```
CREATE TABLE OrderPizza (  
  OrderID INT,  
  PizzalD INT,  
  Quantity INT,  
  PRIMARY KEY (OrderID, PizzalD),  
  FOREIGN KEY (OrderID) REFERENCES Order(OrderID),  
  FOREIGN KEY (PizzalD) REFERENCES Pizza(PizzalD));
```

```
CREATE TABLE Ingredient (  
  IngredientID INT,  
  Name VARCHAR(25),  
  Stock INT,  
  PRIMARY KEY (IngredientID));
```

```
CREATE TABLE PizzaIngredient (  
  PizzaID INT,  
  IngredientID INT,  
  Quantity INT,  
  PRIMARY KEY (PizzaID, IngredientID),  
  FOREIGN KEY (PizzaID) REFERENCES Pizza(PizzaID),  
  FOREIGN KEY (IngredientID) REFERENCES Ingredient(IngredientID));
```

POPOLAMENTO DELLE TABELLE UTILIZZANDO IL SQL

- Customer

```
INSERT INTO Customer (CustomerID, Name, Address, City, Email) VALUES  
(1, 'Mario Rossi', 'Via Roma 12', 'Milano', 'mario.rossi@email.it'),  
(2, 'Laura Bianchi', 'Via Napoli 88', 'Roma', 'laura.bianchi@email.it'),  
(3, 'Giulia Verdi', 'Piazza Dante 3', 'Firenze', 'giulia.verdi@email.it');
```

-- Category

```
INSERT INTO Category (CategoryID, Name) VALUES  
(1, 'Classica'),  
(2, 'Speciale'),  
(3, 'Bianca');
```

-- Pizza

```
INSERT INTO Pizza (PizzaID, Name, CategoryID, Cost) VALUES  
(1, 'Margherita', 1, 5.00),  
(2, 'Diavola', 1, 6.50),  
(3, 'Quattro Formaggi', 2, 7.50),  
(4, 'Focaccia', 3, 4.00);
```

-- Ingredient

```
INSERT INTO Ingredient (IngredientID, Name, Stock) VALUES  
(1, 'Mozzarella', 5000),  
(2, 'Pomodoro', 4000),  
(3, 'Salame Piccante', 2000),  
(4, 'Gorgonzola', 1000),  
(5, 'Parmigiano', 1500),  
(6, 'Pecorino', 1000),  
(7, 'Impasto', 8000),  
(8, 'Olio', 3000);
```

-- PizzaIngredient

```
INSERT INTO PizzaIngredient (PizzaID, IngredientID, Quantity) VALUES  
(1, 1, 100),  
(1, 2, 80),  
(1, 7, 250),  
(2, 1, 100),
```

```
(2, 2, 80),  
(2, 3, 50),  
(2, 7, 250),  
(3, 1, 80),  
(3, 4, 40),  
(3, 5, 40),  
(3, 6, 40),  
(3, 7, 250),  
(4, 7, 250),  
(4, 8, 20);
```

-- Orders

```
INSERT INTO Orders (OrderID, CustomerID, TableNumber, OrderDateTime, TotalPrice)  
VALUES  
(1, 1, 5, '2025-05-24 20:15:00', 11.50),  
(2, 2, 3, '2025-05-24 21:00:00', 7.50),  
(3, 3, NULL, '2025-05-23 19:30:00', 4.00);
```

-- OrderPizza

```
INSERT INTO OrderPizza (OrderID, PizzalID, Quantity) VALUES  
(1, 1, 1),  
(1, 2, 1),  
(2, 3, 1),  
(3, 4, 1);
```