|  |
| --- |
| Customer |
| customer\_Id (pk) |
| customer\_name |
| address |
| city |
| country |
| email\_address |

**CUSTOMER/SUPPLIER DATABASE MODEL**

|  |
| --- |
| Order |
| order\_Id (pk) |
| Date |
| ship\_type |
| ship\_city |
| ship\_country |
| ship\_address |
| *customer\_Id* (fk) |
| *Product\_Id* (fk) |

|  |
| --- |
| Product |
| product\_Id (pk) |
| product\_name |
| p\_unit\_price |
| p\_quantity |
| *supplier\_Id* (fk) |

|  |
| --- |
| Supplier |
| supplier\_Id (pk) |
| company\_name |
| contact\_name |
| address |
| country |
| email\_address |
| phone\_no |

Fig: Diagrammatic presentation of a Customer/ Supplier database model

**Note:** In reference to the diagram above;

* A customer can place many orders;
* One order has many products
* Many suppliers can supply many (different) products

**Pk :** Primary Key

**Fk:** Foreign Key

INSERT: INSERT INTO Product (Product\_Id, product\_name, p\_unit\_price, p\_quantity)

VALUES (001, ‘Television’, 25000, 23);

UPDATE: UPDATE Supplier

SET Country = ‘Nigeria’

WHERE Supplier.supplier\_Id = 001;

SELECT: SELECT \*

FROM Customer

WHERE Customer.country = ‘Nigeria’;

DELETE: DELETE FROM Product

WHERE Product.product\_Id = 002 AND Product\_name = ‘Television’;