

# DBMS PROJECT

## DealsVerge

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We created the database using SQL queries USE, CREATE , ALTER, INSERT, UPDATE, MODIFY, DELETE, DROP to create database DealsVerge and tables(Admin, Customer, Sellers, Manufacturers, Orders, Products, Managers, Delivery Partners).

Each table has its defined primary key, some attributes are declared as unique/ not null. Some tables have foreign keys.

Data population was done through artificial data generated by <https://mockaroo.com/> .  
(Data stored in tables is just for representation.)

Tables:

- **Admin Table**
  - 2 admins
  - Primary Key > Admin ID
- **Customer Table**
  - 100 customers
  - Primary Key > Customer ID
- **Managers Table**
  - 100 managers
  - Primary Key > Manager ID
  - Foreign Key > Admin ID
- **Delivery Partners Table**
  - 100 delivery partners
  - Primary Key > Delivery Partner ID
  - Foreign Key > Manager ID

- **Manufacturer Table**
  - 100 manufacturers
  - Primary Key > Manufacturer ID
  - Foreign Key > Manager ID
- **Sellers Table**
  - 100 sellers
  - Primary Key > Seller ID
  - Foreign Key > Manager ID
- **Orders Table**
  - 100 orders
  - Primary Key > Order ID
  - Foreign Key > Customer ID
- **Products Table**
  - 100 products under 4 categories
  - Primary Key > Product ID

Each admin has 50 managers under him/her who supervise/coordinate the sellers, manufacturers and delivery partners. Orders are delivered through delivery partners, sold by sellers and made by manufacturers.