

# E-Commerce

## Database Structure:

- 1- categories => ["t-shirts", "chemise", "mobile phones"....etc]
- 2- boxes => ["colors", "sizes", ""]
- 3- options => ["red", "green", "blue"] ["small", "large", "x-large"]
- 5- variations [combinations] => ["tshirt red large"]
- 6- orders
- 7- users

## Scenario:

You work to make an ecommerce platform for selling products

User can make many orders on many products

### Products :

- => Have many categories
  - => ["t-shirts", "chemise", "mobile"]
- => categories have many boxes
  - => ["colors", "sizes"]
- => boxes have many options
  - => ["red", "green", "blue"]
  - => ["large", "x-large", "medium", "small"]

### Categories:

- => Have many boxes
  - => ["colors", "sizes", ""]

### Boxes:

- => Have many options

### Options

- => ["red", "green", "blue"]  
["small", "large", "x-large"]

### Variations [Combinations] :

- => There are many combinations in products
  - => [  
"red-small t-shirt",  
"black large chemise"]

### User [client- customer]:

- => can make order of many products

### Orders: