# Database Design

1. Data Requirements
2. ERD => (entity relational diagram) => [entity – attribute – relations (one-one, one-many, many-many) ]
3. RS => (Relational Schema) => [table – column – relation ]

# Ecommerce

1. Data Requirements

* Products (id,name\_en,name\_ar,price,quantity,code,desc\_en,desc\_ar,image,status,created\_at,updated\_at)
* Specs (id, spec)
* Categories (id, ,name\_en,name\_ar,image,status,created\_at,updated\_at)
* Subcategories (id,name\_en,name\_ar,,image,status,created\_at,updated\_at)
* Brands (id, ,name\_en,name\_ar,,image,status,created\_at,updated\_at)
* Users (id,name,email,password,image,gender,phone,code,email\_verfied\_at,created\_at,updated\_at)
* Orders (id,totalPrice,status,deliver\_date,created\_at,updated\_at)
* Addresses (id,street,building,status,floor,flat\_number,notes,created\_at,updated\_at)
* Regions (id,name,status,lat,long,distance,created\_at,updated\_at)
* Cities (id,name,status,long,lat,distance,created\_at,updated\_at)
* Carts ( quantity )
* Reviews (value,comment,created\_at,updated\_at)
* Wishlists
* Offers (id,title,desc , discount , image , start\_time,end\_date,created\_at,updated\_at)
* Coupons (id,code,strat\_time,end\_time,discount,discount\_type,mini\_order\_price,count\_per\_user,count\_per\_coupon,created\_at,updated\_at)
* Vendors
* Payment methods
* Admins
* Delivery