1-



ER Diagram:

- **product** entity with attributes: product-code (key), product_name, unit-price
- **Category** entity with attributes: category-code, Category_name
- Relationship **grouped** between product (n) and Category (1)
- Relationship **Sell** (m/n) between product and Sales Executive
- Relationship **buy** (m/n) between product and customer, with attributes: date of purchase, num-of units
- **Sales Executive** entity with attributes: mobile-number, date_born, name, Sales_executive-id (key), gendel
- **customer** entity with attributes: mobile-number, gendel, date-born, name, customer-id
- Relationship **has** (1/n) between customer and Location
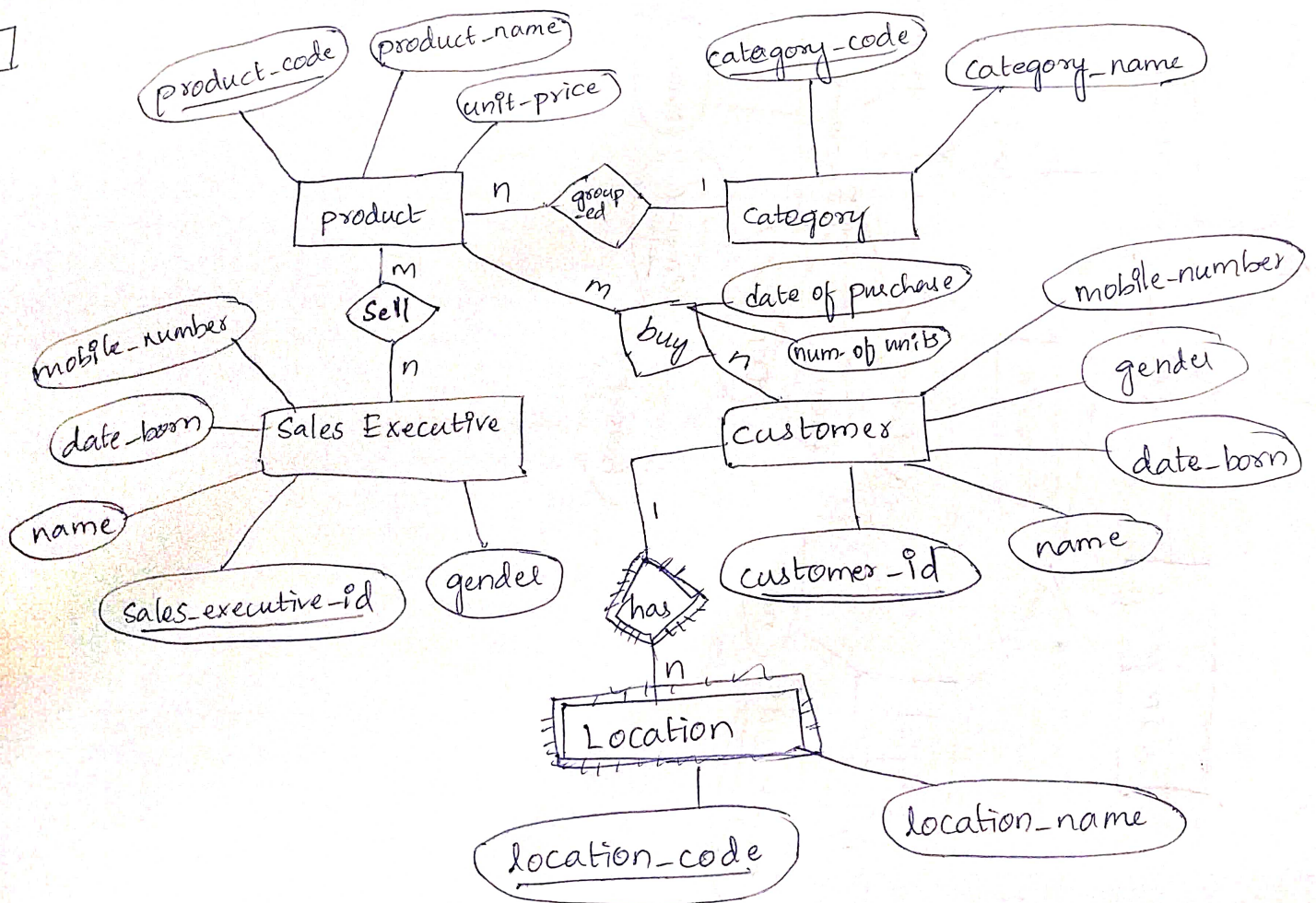- **Location** entity with attributes: location_code (key), location_name

**product**

product_code

product_name

unit_price

**Sell**

product_code

Sales-executive_id

**Sales Executive**

Sales-executive-id

name

date-born

mobile-number

**grouped**

Category_code

product_code

**Category**

Category_code

category_name

**buy**

product_code

customer_id

date of purchase

number of units

**customer**

Customer_id

mobile-number

name

date_born

gender

**has**

customer_id

Location_code

**Location**

location_code

location_name