

Task 1: Understanding the data in hand.

A) Describe the data in hand in your own words?
Data information knowledge, and wisdom, are closely related concept. but each has its role. Concerning the other, and each term has its meaning. Data is a collected.

Product File:

1. product category: Describes the main category of the product (eg: Office supplies, Technology, Furniture)
2. product-sub-category: further classifies the products into subcategories (eg: Storage Organization, Appliances, Telephones)
3. product-ID: A unique identifier for each product (eg. product-1, 2)

Customer File:

1. Customer name: Name of the Customer.
2. province: province where the customer resides
3. region: Region corresponding to province.
4. cust-segment: Segment the customer.
5. cust-ID: Unique identifier for the customer.

Order file:

1. Order ID: numeric identifier for the order.
2. Order date: the date when the order was placed. (DD-MM-YYYY)
3. Order priority: The priority level of the order (low, high, not specified)
4. Order-ID: A textual identifier for the order.

Date ___/___/___

B. Identify and list the primary keys and Foreign key for this data set?

Product file:

- prod-id: appears to be unique for each row indicating it could serve as the primary key
- There are no explicit references to another table. So no foreign key.

customer file:

- The cust-id can serve as primary key because it uniquely identified each row
- foreign key: There are no references in this data dataset