

## orders (3.4 million entries, 206,000 users):

- ❖ order\_id: Uniquely identifies each order.
- ❖ user\_id: Identifies the customer associated with the order.
- ❖ eval\_set: Denotes the category to which this order belongs (refer to the SET descriptions below).
  - The 'SET' variable corresponds to one of two evaluation sets described below:
    - "prior": Encompasses orders that occurred before the user's most recent order (approximately 3.2 million orders).
    - "train": Comprises the training data supplied to participants (around 131,000 orders).
- ❖ order\_number: Represents the sequence number of the order for a user, where 1 denotes the first order and 'n' indicates the nth order.
- ❖ order\_dow: Indicates the day of the week when the order was placed.
- ❖ order\_hour\_of\_day: Specifies the hour at which the order was initiated.
- ❖ days\_since\_prior: Records the number of days that have elapsed since the user's previous order, capped at 30 days (with 'NAs' for the first order).

## products (50,000 entries):

- ❖ product\_id: Serves as a unique identifier for each product.
- ❖ product\_name: Provides the name of the product.
- ❖ aisle\_id: Acts as a reference key for the aisle associated with the product.
- ❖ department\_id: Acts as a reference key for the department in which the product belongs.

## aisles (134 entries):

- ❖ aisle\_id: Uniquely identifies each aisle.
- ❖ aisle: Contains the name of the aisle.

## departments (21 entries):

- ❖ department\_id: Provides a unique identifier for each department.
- ❖ department: Displays the name of the department.

## order\_products (30 million+ entries):

- ❖ order\_id: Serves as a foreign key, linking to the unique order identifier.
- ❖ product\_id: Functions as a foreign key, connecting to the unique product identifier.

- ❖ `add_to_cart_order`: Reflects the order in which each product was added to the shopping cart.
- ❖ `reordered`: Takes a value of 1 if the product has been ordered by the same user in the past, or 0 if not.