

MECE

Categories

- **Event Details**

- event_time: Timestamp of the event .
- order_id: Unique identifier for the order.

- **Product Information**

- product_id: Unique identifier for the product.
- category_id: Unique identifier for the category.
- category_code: Description or code for the product category .
- brand: The brand of the product.

- **Transaction Details**

- price: The price of the product.

- **User Information**

- user_id: Unique identifier for the user who made the purchase.

MECE Application

- **Event Details**

- event_time and order_id are mutually exclusive as they represent different aspects of the event. They also collectively cover all event-related information.

- **Product Information**

- product_id, category_id, category_code, and brand are mutually exclusive in the sense that they each describe different facets of the product. Together, they exhaustively cover all aspects related to the product.

- **Transaction Details**

- price is a standalone attribute related to the transaction. It does not overlap with product or user information and provides a complete view of the transaction cost.

- **User Information**

- user_id is a unique identifier that does not overlap with other attributes and covers all aspects related to the user involved in the transaction.