

# MySQL demo database model

Database model documentation

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# 1. Model details

**Model name:**

MySQL demo database model

**Version:**

2.3

**Database engine:**

PostgreSQL

**Description:**

## 2. Tables

### 2.1. Table Products

#### 2.1.1. Columns

| Column name  | Type         | Properties | Description |
|--------------|--------------|------------|-------------|
| product_id   | int          | PK         |             |
| product_name | varchar(255) |            |             |

### 2.2. Table channel

#### 2.2.1. Columns

| Column name  | Type         | Properties | Description |
|--------------|--------------|------------|-------------|
| channel_id   | int          | PK         |             |
| channel_name | varchar(255) |            |             |

### 2.3. Table pricing

#### 2.3.1. Columns

| Column name   | Type | Properties | Description |
|---------------|------|------------|-------------|
| item_id       | int  | PK         |             |
| product_id_fk | int  |            |             |
| sku_id_fk     | int  |            |             |
| channel_id_fk | int  |            |             |
| item_revenue  | int  |            |             |

### 2.4. Table sku

#### 2.4.1. Columns

| Column name   | Type         | Properties | Description |
|---------------|--------------|------------|-------------|
| sku_id        | int          | PK         |             |
| sku_name      | varchar(255) |            |             |
| product_id_fk | int          |            |             |

### 2.5. Table sales

## 2.5.1. Columns

| Column name   | Type         | Properties | Description |
|---------------|--------------|------------|-------------|
| sale_id       | int          | PK         |             |
| date          | date         |            |             |
| time          | time         |            |             |
| country       | varchar(255) |            |             |
| state         | varchar(255) |            |             |
| city          | varchar(255) |            |             |
| weather       | varchar(255) |            |             |
| product_id_fk | int          |            |             |
| item_id_fk    | int          |            |             |
| sales_count   | int          |            |             |
| user_id_fk    | int          |            |             |

## 2.6. Table users

### 2.6.1. Columns

| Column name   | Type         | Properties | Description |
|---------------|--------------|------------|-------------|
| user_id       | int          | PK         |             |
| username      | varchar(255) |            |             |
| email         | varchar(255) |            |             |
| channel_id_fk | int          |            |             |
| level         | varchar(255) |            |             |

## 3. References

### 3.1. Reference users\_channel

| channel    | 0..* | users         |
|------------|------|---------------|
| channel_id | <->  | channel_id_fk |

### 3.2. Reference pricing\_channel

| channel    | 0..* | pricing       |
|------------|------|---------------|
| channel_id | <->  | channel_id_fk |

### 3.3. Reference pricing\_Products

| Products   | 0..* | pricing       |
|------------|------|---------------|
| product_id | <->  | product_id_fk |

### 3.4. Reference pricing\_SKU

| sku    | 0..* | pricing   |
|--------|------|-----------|
| sku_id | <->  | sku_id_fk |

### 3.5. Reference sales\_pricing

| pricing | 0..* | sales      |
|---------|------|------------|
| item_id | <->  | item_id_fk |

### 3.6. Reference sales\_Products

| Products   | 0..* | sales         |
|------------|------|---------------|
| product_id | <->  | product_id_fk |

### 3.7. Reference sales\_users

| users   | 0..* | sales      |
|---------|------|------------|
| user_id | <->  | user_id_fk |

### 3.8. Reference SKU\_Products

|            |      |               |
|------------|------|---------------|
| Products   | 0..* | sku           |
| product_id | <->  | product_id_fk |