**Synthetic Data Generation Prompts through Mockaroo**

1. We have generated ID schema which includes primary keys for all schemas. We update dataset once satisfied with preview.

A screenshot of a computer

Description automatically generated

1. **Schemas:**  
   **Customer** – We have generated customer schema with the below logics. We update dataset once satisfied with preview.

All field names and schema type. For customer postcode, we generated 50 real UK postcode to fill in the database of customers. All customers ae assumed to have registered before 6-1-22. All phone numbers generated are unique 10 digit number.

A screenshot of a computer

Description automatically generated

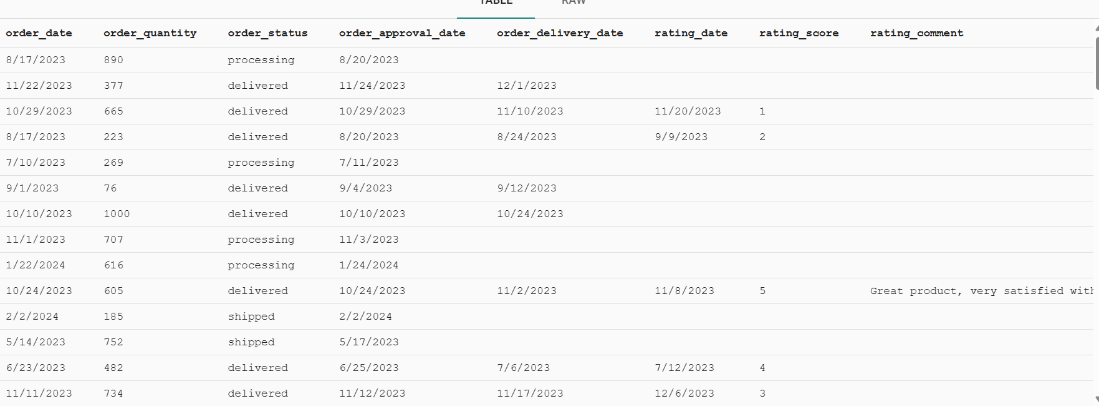
Customer Address and Customer City – We put in formula for placing the real address as per the postcode and we have formulated the cities as per the real Postal codes

A screenshot of a computer program

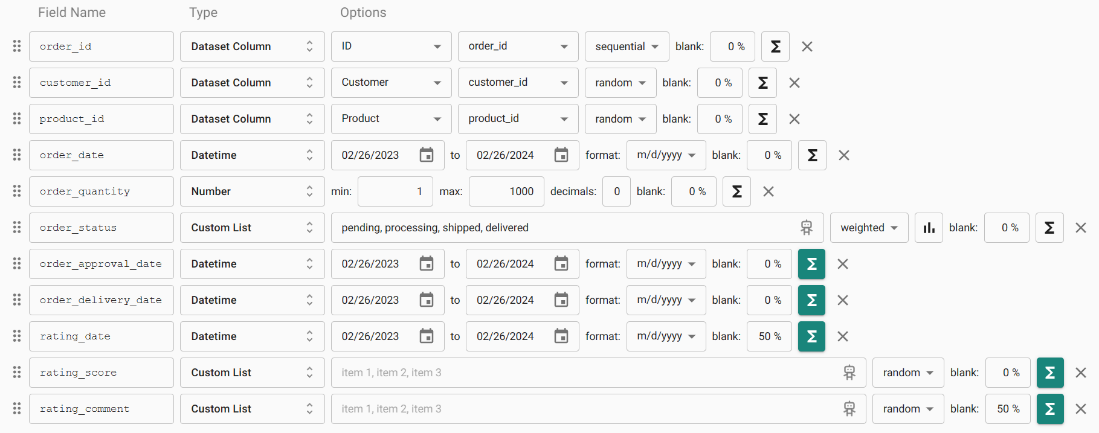
Description automatically generated A screen shot of a computer

Description automatically generated

**Order-** We have generated customer schema with the below logics. We update dataset once satisfied with preview.



All field names and schema type.



图形用户界面, 应用程序

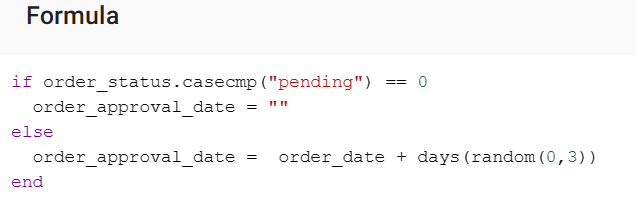
描述已自动生成

order\_approval\_date

We keep the Order approval date as always more than order date by a range of 10 days

图形用户界面, 文本, 应用程序

描述已自动生成



Order delivery date

We keep the order delivery date as always more than order date by atleast 10 days and atmost 30 days

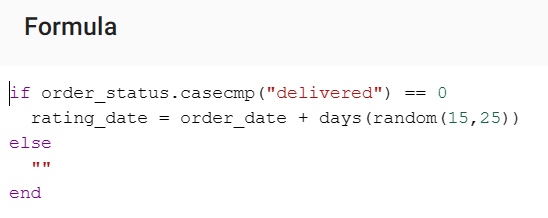
图形用户界面, 文本, 应用程序, 电子邮件, Teams

描述已自动生成

Rating\_date

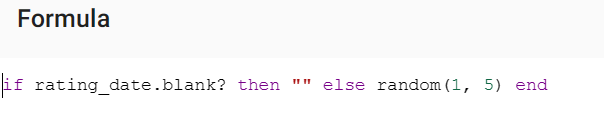
We keep the order delivery date as always more than order date by atleast 15 days and atmost 25 days

We keep the rating data as 50% blank



rating\_score

We keep rating score as random value from 1 to 5 only in case if the review date is recorded



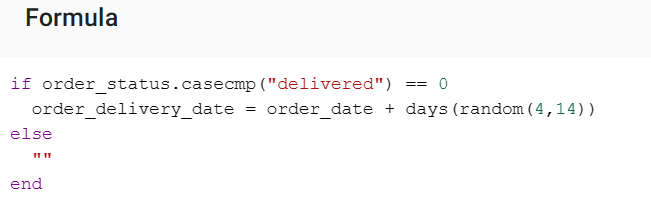
order\_status

If order staus is delivered then that order must have recorded the order delivery date and the order delivery date must be more than order date by the value range from 4 to 14.

The weights provided to the order status is as follows:

Weights

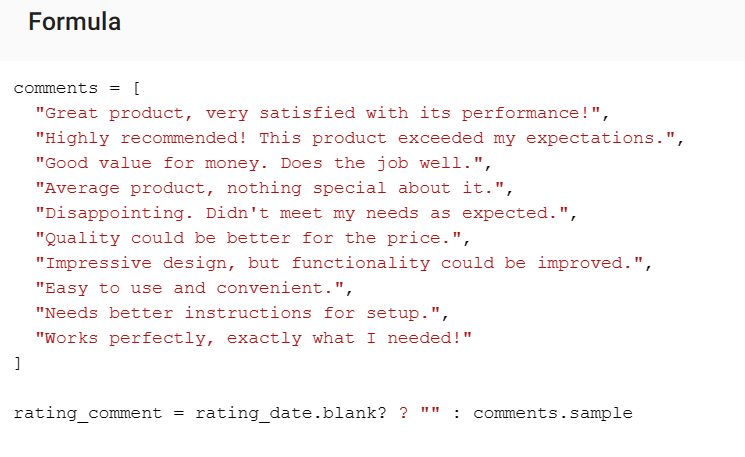
Pending-5  
Shipped-10  
Processing-10  
Delivered-75



Rating\_comment

Randomly select the comments from the given comments domain

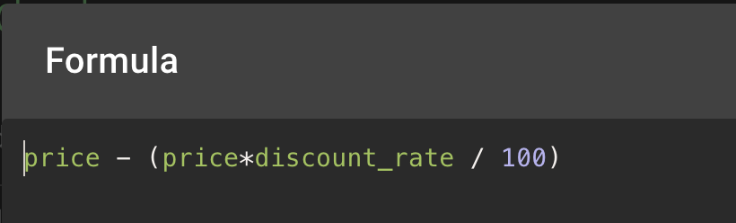
Keep 50% of the rating comment values as blank



**Products**

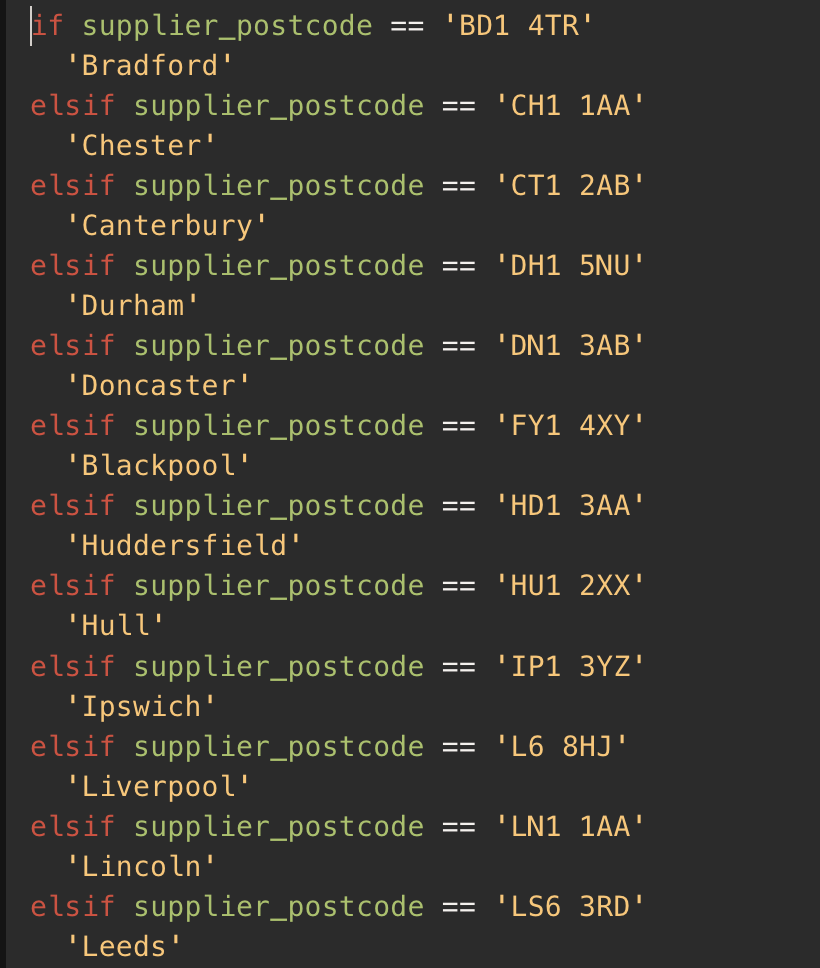
Discount\_price

Discounted price is the price after applying the discount to the original price



**Supplier**

Supplier\_address   
Including postcodes and cities, we put in formula for placing the real address as per the postcode and, we have formulated the cities as per the real Postal codes





**Promotion**

promotion\_end\_date

Promotion end date must be greater than promotion start date by the days range from 10 to 30.

