1. Main ingredient description

Using “menu”, ”consists” and ”ingredients” we will look for the ingredients which have their importance marked as main and will concatenate them for showing in the menu.

1. The most visited branch

Using “employee\_id” from “orders” and using information about the employee from the “employee” table we will identify where the order was done and will count the maximum number of visits for branches to find the most productive one.

1. Least ordered menu item

Same as the 9) except that interested in the least popular menu item (take MIN instead of MAX at last operation).

1. Total usage of each resources (row ingredients)

usage of each raw material (e.g. flour, sugar) so need to group by each resource

1. To investigate our costs we are interested in total amount spent for each ingredient
2. Current amount for each resource

We also need to track how much of each resource is left at the end of each day. So we need to calculate the resources spent using the orders (weight of each ingredient in a menu item) and subtract it from the resources in the warehouse (increased with supplies)

1. The price of the order

By using orders and order items table we will find for each order its items quantity and by going to manu table find for each order item its price , add as much as they ordered the same item and get the total price of each order.

1. The most productive worker

For each employ\_id for each month we will collect the orders and ordered items by using order\_items table and the one with the most orders will be the productive of the month – The most productive worker

1. Top 10 users

Order count and total price

We will order descending order the user\_ids by their quantity of orders(how many times they ordered during a certain period of time, e.g. since 2022-04-03) and also check the total price of their orders and by limiting the list with 10 will find the top 10 users

1. Most ordered menu item

We are interested in a mostly ordered (quantity) menu item in a given interval (default

all history). Thus we need to filter by the time range and take the menu item which has the most occurrence (taking into account also the number of its purchases within a single order) across all orders.