Note: DATE can range from 2022-09-12 to 2022-10-02

Note: Order\_ID can range from 1 - 5216

**ORDER:**

1. Find all orders made on the same day. It can be modified for orders under the same ID or item.

SELECT date\_made, day\_made, COUNT(\*)

FROM orders

GROUP BY date\_made, day\_made

HAVING COUNT(\*) > 1

1. Find the sum of the prices of items in an order.

SELECT SUM(order\_total)

FROM orders

WHERE Order\_id = 1

1. Find the total sales over a range of dates, mainly to be used for finding the amount of sales over a week

SELECT SUM(order\_total)

FROM orders

WHERE date\_made >= ‘2022-09-12’ AND date\_made <= ‘2022-09-18’;

1. Get the amount made on a certain date:

SELECT SUM(order\_total) FROM orders WHERE date\_made = ‘2022-09-18’;

1. Get number of orders made

SELECT MAX(order\_id) FROM orders;

1. Get a sum of how many times a specific item has been ordered.

SELECT COUNT(\*) from orders where item = 1;

1. Get total profits made on past saturdays

SELECT SUM(order\_total) AS total FROM orders WHERE day\_made='S';

1. Get profits made on 9/17/2022

SELECT SUM(order\_total) as Total from orders

WHERE date\_made='09-17-2022';

**SERVER:**

1. Get the number of orders a specific server has taken

SELECT num\_orders FROM servers WHERE full\_name = ‘Snoop Dogg’;

1. Get the server that worked the most number of hours

SELECT full\_name, hours\_worked FROM servers WHERE hours\_worked = (SELECT MAX(hours\_worked) from servers);

**MENU:**

1. Get the menu items that contain a hamburger patty

SELECT \* FROM menu\_items WHERE ‘hamburger patties’ = ANY(ingredient\_list);

1. Get the menu items that are priced less than $7

SELECT \* FROM menu\_items WHERE item\_price < 7;

**MANAGER:**

1. Find the manager with the highest salary.

SELECT \* FROM managers

WHERE salary = (

SELECT MAX(salary)

FROM managers

);

**INVENTORY:**

1. Make a list of items that are out of stock in the inventory, this can also be modified to find which items are close to being out of stock

SELECT itemid

FROM inventory

WHERE quantity = 0;

1. Get the inventory items that use gallons as units.

SELECT itemid FROM inventory WHERE unit='gallon';

1. Find the serving size of tomatoes.

SELECT serving\_size, unit FROM inventory

WHERE itemid='tomatoes';