

Davie's Burgers Subway Ad

Do you remember [Davie's Burgers](#) from our Learn CSS course? Well, the restaurant business has been booming and it is now looking to place a catchy advertisement in the local subway station.

Help them dig into their `orders` table to see if there is anything interesting in there for a funny tagline! If you get stuck during this project or would like to see an experienced developer work through it, click "**Get Help**" to see a **project walkthrough video**.

1. Start by getting a feel for the `orders` table:

```
SELECT *  
FROM orders  
LIMIT 10;
```

What are the column names?

2. How recent is this data? Use `DISTINCT` to find out all the unique `order_date` values in this table.

```
select distinct order_date  
from orders  
order by 1 desc  
limit 10;
```

3. The `special_instructions` column stores the data where Davie's Burgers customers leave a note for the kitchen or the delivery. Instead of selecting all the columns using `*`, write a query that selects only the `special_instructions` column. Limit the result to 20 rows.

```
select special_instructions  
from orders  
limit 20;
```

4. There seem to be a lot of empty values in that column. That is because customers sometimes leave the notes section blank. Can you edit the query so that we are only returning the special instructions that are *not* empty?

```
select special_instructions  
from orders  
where special_instructions is not null  
limit 20;
```

5. Let's go even further and sort the instructions in alphabetical order (A-Z).

```
select special_instructions
from orders
where special_instructions is not null
order by 1 asc
limit 20;
```

6. Awesome! Now we have a good idea of the list. Let's search for special instructions that have the word 'sauce'. Are there any funny or interesting ones?

```
select special_instructions
from orders
where special_instructions like '%sauce%'
order by 1 asc;
```

6. Let's search for special instructions that have the word 'door'. Any funny or interesting ones?

```
select special_instructions
from orders
where special_instructions like '%door%'
order by 1 asc;
```

7. Let's search for special instructions that have the word 'box'. Any funny or interesting ones?

```
select special_instructions
from orders
where special_instructions like '%box%'
order by 1 asc;
```

8. Wow, some of these are marketing gold! But what are their order numbers?

Instead of just returning the special instructions, also return their order `ids`.

For more readability:

- Rename `id` as `'#'`
- Rename `special_instructions` as `'Notes'`

```
select id as '#', special_instructions as 'Notes'
from orders
where special_instructions like '%box%'
order by 1 asc;
```