*Which restaurants in San francisco offer dishes with Impossible Meat?*

Select restaurant\_name, city from restaurants where city = 'San Francisco' and

id IN (SELECT restaurant\_id

FROM menu\_items

WHERE menu\_description ILIKE '%impossible%')

*Find restaurants near me that serve gluten-free pizza*

Select restaurant\_name from restaurants where id IN (SELECT restaurant\_id

FROM menu\_items

WHERE menu\_description ILIKE '%gluten free%'

AND menu\_item ILIKE '%pizza%')

*Give me a summary of the latest trends around desserts*

SELECT

mi.menu\_item AS dessert\_name,

COUNT(r.id) AS restaurant\_count,

AVG(r.rating) AS avg\_rating,

SUM(r.review\_count) AS total\_reviews

FROM menu\_items mi

JOIN restaurants r ON mi.restaurant\_id = r.id

WHERE mi.menu\_category ILIKE '%dessert%' OR mi.categories ILIKE '%dessert%'

GROUP BY mi.menu\_item

ORDER BY total\_reviews DESC, avg\_rating DESC

LIMIT 10;

*Which restaurants are known for Sushi*

SELECT r.restaurant\_name, r.rating

FROM restaurants r

JOIN menu\_items m ON r.id = m.restaurant\_id

WHERE m.menu\_item ILIKE '%sushi%'

AND r.rating >= 4.0

GROUP BY r.restaurant\_name, r.rating

ORDER BY r.rating DESC;

*Compare the average menu price of vegan restaurants in LA vs. Mexican restaurants*

SELECT

category,

AVG(

CASE

WHEN price = '$' THEN 1

WHEN price = '$$' THEN 2

WHEN price = '$$$' THEN 3

WHEN price = '$$$$' THEN 4

END

) AS avg\_price\_level

FROM (

SELECT

r.id AS restaurant\_id,

CASE

WHEN m.categories ILIKE '%vegan%' THEN 'Vegan'

WHEN m.categories ILIKE '%mexican%' THEN 'Mexican'

END AS category,

r.price

FROM

restaurants r

JOIN

menu\_items m ON r.id = m.restaurant\_id

WHERE

r.city = 'Los Angeles' AND

(m.categories ILIKE '%vegan%' OR m.categories ILIKE '%mexican%')

) subquery

GROUP BY category;

Top 5 famous desserts in Boston based on reviews  
  
SELECT m.menu\_item, SUM(r.review\_count) AS total\_reviews

FROM restaurants r

JOIN menu\_items m ON r.id = m.restaurant\_id

WHERE r.city = 'Boston'

AND (m.menu\_category ILIKE '%dessert%' OR m.categories ILIKE '%dessert%')

GROUP BY m.menu\_item

ORDER BY total\_reviews DESC

LIMIT 5;

Average rating of Mexican and Italian restaurants

SELECT

CASE

WHEN m.categories ILIKE '%mexican%' THEN 'Mexican'

WHEN m.categories ILIKE '%italian%' THEN 'Italian'

END AS cuisine,

AVG(r.rating) AS avg\_rating

FROM restaurants r

JOIN menu\_items m ON r.id = m.restaurant\_id

AND (m.categories ILIKE '%mexican%' OR m.categories ILIKE '%italian%')

GROUP BY cuisine;

Restaurants with the most vegetarian options

SELECT

r.restaurant\_name,

r.city,

COUNT(m.item\_id) AS vegetarian\_item\_count

FROM restaurants r

JOIN menu\_items m ON r.id = m.restaurant\_id

WHERE m.categories ILIKE '%vegetarian%'

GROUP BY r.restaurant\_name, r.city

ORDER BY vegetarian\_item\_count DESC

LIMIT 5;