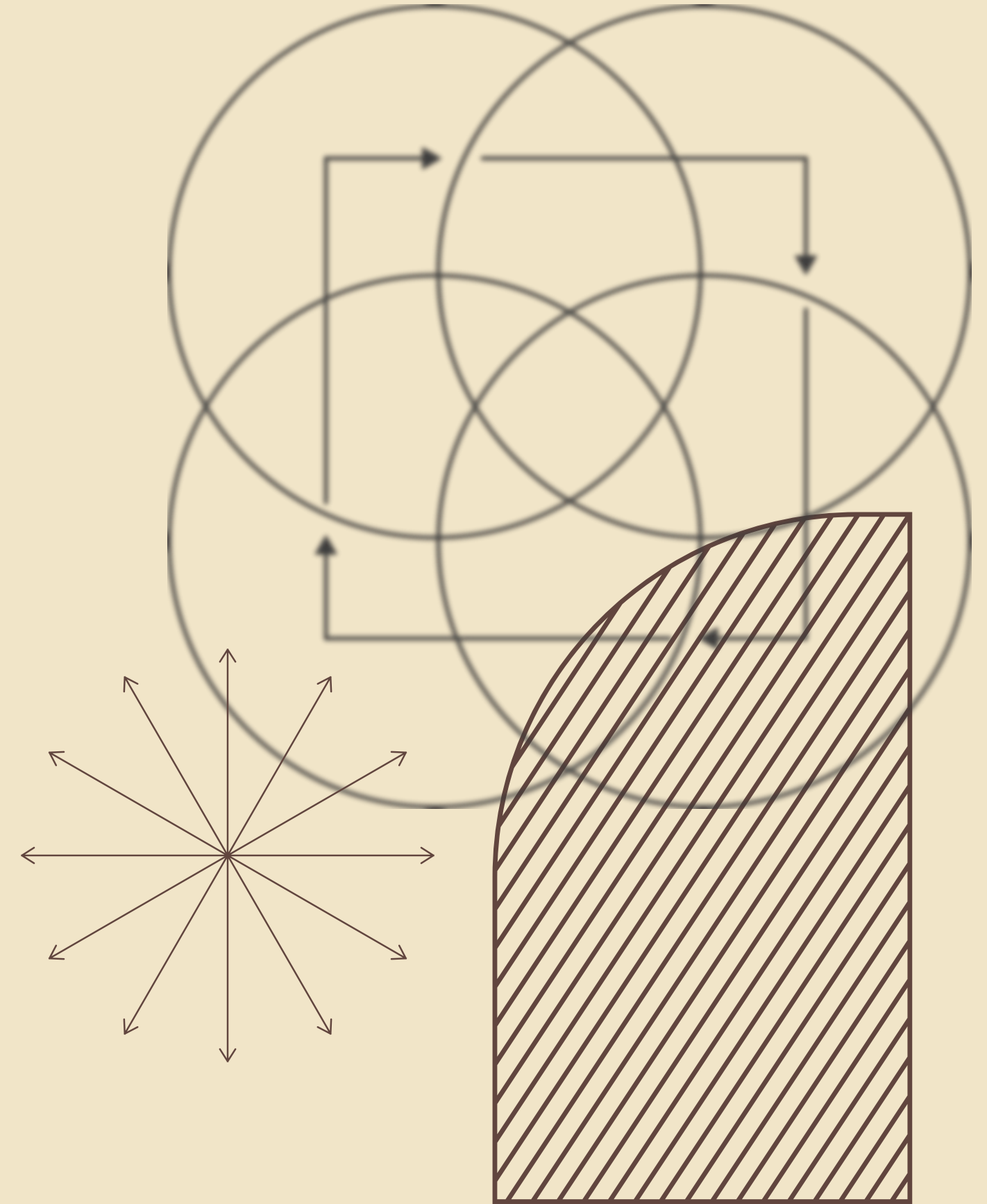


Pizza Sales Analysis using SQL

By - Ashwanth Nair



DATABASE DESIGN

Create tables for storing information about customers, orders, pizzas, and ingredients.

PIZZA MENU MANAGEMENT

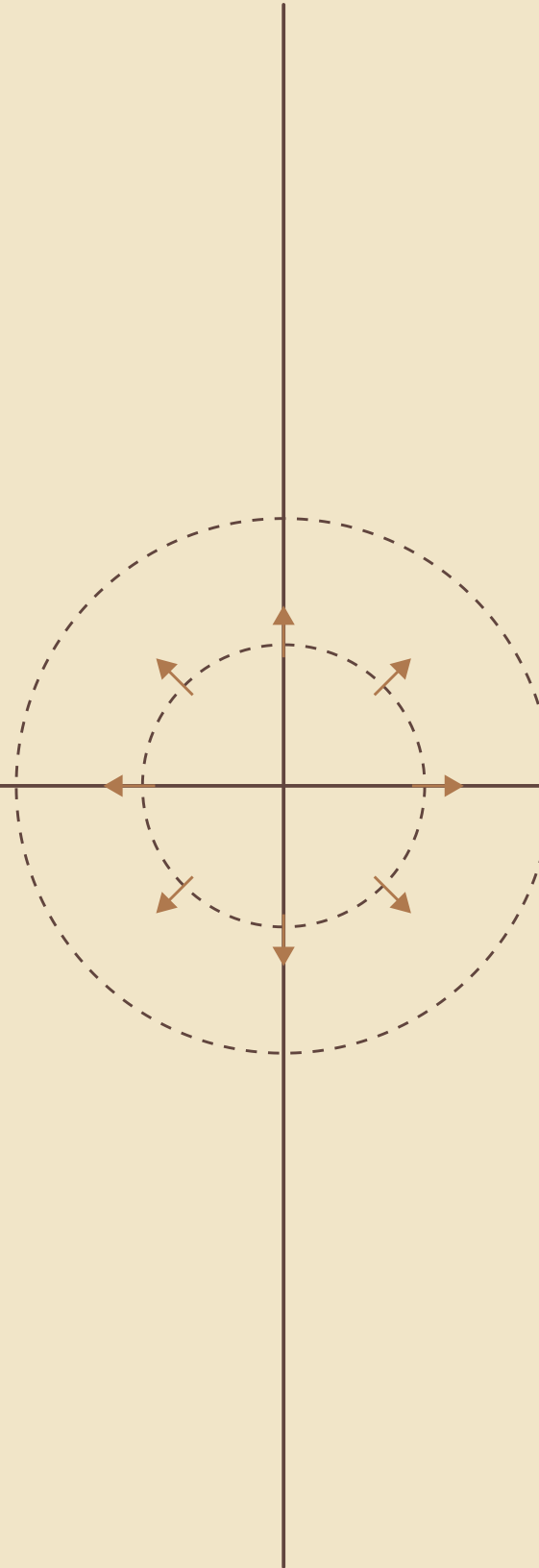
Define a table to store information about available pizzas, including their names, sizes, prices, and ingredients.

ORDER MANAGEMENT

Implement features to create new orders, add pizzas to orders, and calculate the total price.

SALES ANALYSIS

Utilize SQL queries to analyze sales data. This could involve calculating total sales revenue for a specific time period, identifying the most popular pizzas, or analyzing sales trends over time.



Retrieve the total number of orders placed.

```
select count(order_id) as total_orders from orders;
```

Result Grid



	total_orders
	21350

Calculate the total revenue generated from pizza sales.

```
select  
round(sum(order_details.quantity * pizzas.price),2) as total_revenue  
from order_details join pizzas  
on pizzas.pizza_id = order_details.pizza_id
```

Result Grid 

	total_revenue
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	817860.05
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Join the necessary tables to find the total quantity of each pizza category ordered.

```
select pizza_types.category,  
sum(order_details.quantity) as quantity  
from pizza_types join pizzas  
on pizza_types.pizza_type_id = pizzas.pizza_type_id  
join order_details  
on order_details.pizza_id = pizzas.pizza_id  
group by pizza_types.category order by quantity desc;
```

Result Grid	
category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050



Determine the top 3 most ordered pizza types based on revenue.

```
select pizza_types.name,  
sum(order_details.quantity * pizzas.price) as revenue  
from pizza_types join pizzas  
on pizzas.pizza_type_id = pizza_types.pizza_type_id  
join order_details  
on order_details.pizza_id = pizzas.pizza_id  
group by pizza_types.name order by revenue desc limit 3;
```

Result Grid



Filter Rows:



	name	revenue
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	The Thai Chicken Pizza	43434.25
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	The Barbecue Chicken Pizza	42768
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	The California Chicken Pizza	41409.5
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Thank You!!