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Restaurant Order Analysis

Analyze order data to identify the most and least popular menu items and types of cuisine

MySQL | Basic | Alice Zhao | Business | Food & Beverage | Time Series

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Project Brief

01:00

The Data Set

Restaurant Orders

A quarter's worth of orders from a fictitious international cuisine restaurant

MySQL
File type

Multiple tables
Data structure

12266
# of records

8
# of fields

View Details

OBJECTIVE 1

Explore the items table

Your first objective is to better understand the items table by finding the number of rows in the table, the least and most expensive items, and the item prices within each category.

	Task	
☐	View the **menu_items** table and write a query to find the number of items on the menu	Show hint
☐	What are the least and most expensive items on the menu?	Show hint
☐	How many Italian dishes are on the menu? What are the least and most expensive Italian dishes on the menu?	Show hint
☐	How many dishes are in each category? What is the average dish price within each category?	Show hint

Watch solution

OBJECTIVE 2

Explore the orders table

Your second objective is to better understand the orders table by finding the date range, the number of items within each order, and the orders with the highest number of items.

	Task	
☐	View the **order_details** table. What is the date range of the table?	Show hint
☐	How many orders were made within this date range? How many items were ordered within this date range?	Show hint
☐	Which orders had the most number of items?	Show hint
☐	How many orders had more than 12 items?	Show hint

Watch solution

☑

OBJECTIVE 3

Analyze customer behavior

Your final objective is to combine the items and orders tables, find the least and most ordered categories, and dive into the details of the highest spend orders.

	Task	
☐	Combine the **menu_items** and **order_details** tables into a single table	Show hint
☐	What were the least and most ordered items? What categories were they in?	Show hint
☐	What were the top 5 orders that spent the most money?	Show hint
☐	View the details of the highest spend order. Which specific items were purchased?	Show hint
☐	**BONUS**: View the details of the top 5 highest spend orders	Show hint

Watch solution

FINAL STEP

Final Project Question

Answer the following question to validate your completed project.

How much was the most expensive order in the dataset?

Type your answer here

Type numbers only (no currency symbols) to two decimal points

Submit answer