Growth Analyst - Data Task

For this data task, you are expected to write a piece of SQL code. If possible, stick to using Redshift SQL. Feel free to add any comments to your code to explain your process.

You have the following tables available:

orders						
id	city	start_time	end_time	total_cost_eur	customer_id	store_id
87235	MAD	1/4/2022 12:23:17	1/4/2022 12:52:05	24	1532	345
87236	BCN	1/4/2022 23:23:48	1/4/2022 23:45:24	16	876563	3321
...	...	...		...	...	...

customers			
id	sign_up_time	preferred_city	is_prime
6543	7/30/2017 7:54:42	MAD	FALSE
6544	9/2/2018 13:23:04	GRA	TRUE
...	...	...	...

stores					
id	creation_time	is_food	top_store	store_name	city
420	4/13/2019 12:00:00	TRUE	FALSE	Burger Queen	TAR
421	4/13/2019 12:15:02	TRUE	TRUE	McDouglas	CAN
...	...	...	...	...	...

order_products	
order_id	product_id
534231	8765432
534231	12343
534232	6543221

We need to build a report of the **previous month** (last closed month), that includes the following information at the **city level:**

- Total number of orders
- Total number of orders coming from food partners
- Share of orders that were delivered in less than 45 minutes
- Share of orders coming from top stores
- Share of stores that received no orders
- Average spend in euros
- Difference in average spend in euros between prime and non prime users
- Number of customers who made their first order
- Average monthly orders by recurrent customer (with recurrent we mean they had also made an order the month before)