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-- Q1
select count(distinct Order_id)
from sales
where date = '2023-03-18';

-- Q2
select count(distinct s.Order_id)
from sales s left join customers c
where date = '2023-03-18' and c.first_name = 'John' and c.last_name = 'Doe';

-- Q3
select count(distinct c.customer_id) as total_num, sum(Quantity * Revenue) / total_num as avg_spend
from customers c left join sales s using(customer_id)
where s.date between '2023-01-01' and '2023-01-31';

-- Q4
select i.department
from items i join sales using(item_id)
where s.date between '2022-01-01' and '2022-12-31'
group by i.department
having sum(Quantity * Revenue) < 600;

-- Q5
select max(Revenue) as most_rev, min(Revenue) as least_rev
from Sales

-- Q6
select *
from sales
order by Revenue desc
-- limit 1
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