# Create tables for orders and customers

Analyze data: Write Hive queries for the following scenarios:

**##1. Get COMPLETED and CLOSED orders, return the order id, date, customer id and order\_status**

select \* from orders where order\_status in ('COMPLETE', 'CLOSED');

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**##2. count of completed and closed orders**

select order\_status, count(order\_id) from orders where order\_status in ('COMPLETE', 'CLOSED') group by order\_status;

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**##3 completed and closed orders in JAN 2014**

select \* from orders where order\_status in ('COMPLETE', 'CLOSED') and order\_date between ('2014-01-01 00:00:00') and ('2014-01-31 00:00:00');

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**##4 count of each order status**

select order\_status, count(\*) from orders group by order\_status;

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**##5 count of completed and closed orders in JAN 2014**

select count(\*) from orders where order\_status in ('COMPLETE', 'CLOSED') and order\_date between ('2014-01-01 00:00:00') and ('2014-01-31 00:00:00');

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**##6 completed and closed orders in JAN and FEB 2014**

select \* from orders where order\_status in ('COMPLETE', 'CLOSED') and order\_date between ('2014-01-01 00:00:00') and ('2014-02-28 00:00:00');

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**##7 count of completed and closed orders in JAN and FEB 2014**

select count(\*) from orders where order\_status in ('COMPLETE', 'CLOSED') and order\_date between ('2014-01-01 00:00:00') and ('2014-02-28 00:00:00');\

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**##8 Customers who have not purchased anything**

select c.customer\_id from customers c where c.customer\_id NOT IN(select order\_customer\_id from orders);

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**##9 Total revenue generated by all the orders**

select sum(order\_item\_subtotal) from order\_items;

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**##10 Daily revenue for completed order and closed orders**

SET hive.auto.convert.join=false;

select A.order\_date, sum(B.order\_item\_subtotal) from order\_items B join orders A on (B.order\_item\_order\_id=A.order\_id)

where A.order\_status in ('COMPLETE', 'CLOSED') group by order\_date;

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