

SQL

1.

```
SELECT date(orderDate), COUNT(orderNumber),  
SUM(shippedDate) AS daily_total AS num_orders FROM orders  
WHERE orderDate>=datae_sub(current_date, INTERVAL 31 DAY  
GROUP BY date(orderDate)
```
2.

```
SELECT AVG (orderNumber)  
FROM orders
```
3.

```
SELECT productName, MSRP FROM products  
WHERE MSRP = (SELECT MIN(MSRP) FROM products);
```
4.

```
SELECT max(quantityInStock) FROM products
```
5.

```
SELECT max(productName) FROM products
```
6.

```
SELECT max(customerName) FROM customers
```
7.

```
SELECT customerNumber, customerName FROM customers  
ORDER BY city ='MELBOURNE'
```
8.

```
SELECT customerNumber FROM customers  
WHERE customerName like 'N%'
```

9. SELECT phone, city FROM customers
WHERE phone like '7'
ORDER BY city ='LasVegas'
10. SELECT customerName, creditLimit, city FROM customers
WHERE phone like '7'
ORDER BY creditLimit<1000, city = "Las Vegas" | "Nantes" |
"Stavern"
11. SELECT orderNumber, quantityOrdered FROM orderdetails
ORDER BY quantityOrdered<10
12. SELECT o.orderNumber FROM orderdetails
LEFT JOIN customers c
ON c.customerNumber = o.customerNumber
WHERE c.customerName LIKE 'N%'
13. SELECT customerName, (SELECT c.status FROM orders c WHERE
c.customerName = o.customerName ORDER BY c.orderdate DESC
limit 1) AS last_order_status,
SUM (status = 'Disputed') cnt_disputed FROM orders o
GROUP BY customerName
14. SELECT o.customerName FROM customers
LEFT JOIN payments c
WHERE c.checkNumber LIKE 'N%'
15. SELECT checkNumber, amount FROM payments
ORDER BY amount>1000