USE testdb;

SELECT COUNT(id) AS product\_number

FROM products

;

SELECT company, AVG(price) AS average\_price, MAX(price) AS max\_price, MIN(price) AS min\_price

FROM products

GROUP BY company

;

SELECT company, SUM(price)

FROM products

GROUP BY company

;

SELECT company, SUM(price) AS price\_sum

FROM products

GROUP BY company

HAVING price\_sum > 2000

;

SELECT company, MAX(price) AS max\_price, MIN(price) AS min\_price

FROM products

GROUP BY company

HAVING COUNT(name) > 2

;

SELECT \*

FROM products;

SELECT city, COUNT(id)

FROM users

GROUP BY city

;

ALTER TABLE users

ADD salary int

;

UPDATE users

SET salary=1000

WHERE id > 0 AND id < 5;

UPDATE users

SET salary=1200

WHERE id > 6 AND id < 10;

SELECT city, MAX(salary) AS max\_salary

FROM users

GROUP BY city

ORDER BY max\_salary DESC

LIMIT 1

;

SELECT city, AVG(age), MAX(age), MIN(age)

FROM users

GROUP BY city;

SELECT city, COUNT(work\_position) AS software\_enginers

FROM users

WHERE work\_position LIKE 'Software Engineer' AND salary > 500

GROUP BY city

HAVING city LIKE 'lviv'

;

SELECT city, gender, work\_position

FROM users

WHERE gender LIKE 'female' AND work\_position LIKE 'Marketing Manager'

;

UPDATE users

SET email='mail@ukr.net'

WHERE id > 20 AND id <= 30

;

SELECT AVG(age)

FROM users

WHERE email NOT LIKE '%@gmail%'

;

SELECT MAX(age)

FROM users

WHERE email LIKE '%ukr.net' AND city LIKE 'dnipro' AND gender LIKE 'male';