# NUMERIC:

Numeric(a, b) 🡪 a xonali son nuqtadan keyin b xonali son

Numeric(5, 2) 🡪 12345.54, 56473.78 va hokazo

Numeric(a) 🡪 a xonali son nuqtadan keyin hech qanday son mavjud emas

Numeric 🡪 ixtiyoriy son nuqtadan keyin ham ixtiyoriy son kiritsh mumkin

1231412, 29384789243.2348974 va h.k

# VAQT MA’LUMOT TURLARI:

DATE: sana uchun ishlatiladi yyyy-mm-dd

TIME: vaqt uchun ishlatiladi: 10:55:45

TIMESTAMP: sana va vaqt uchun ishlatiladi: 2000-02-19 10:20:30

# BAZAGA MA’LUMOT KIRITISH:

INSERT INTO table\_name (example1, example2, example3, ….)

VALUES(example1, example2, example3, …..);

2-usul:

INSERT INTO table\_name VALUES(example1, example2, ….);

2-usulda berilgan jadval ustunlari bilan kiritilgan ma’lumotlar mos kelishi kerak.

# MA’LUMOTLARNI YANGILASH VA O’CHIRISH:

Yangilash:

UPDATE table\_name

SET column1=value1,

column2=value2,

…….

WHERE condition;

O’chirish:

DELETE FROM table\_name WHERE condition;

# ORDER BY, MIN, MAX, GROUP BY:

***O’sish tartibida saralab chiqarish:***

SELECT \* FROM table\_name

ORDER BY column;

***Kamayish tartibida saralash:***

SELECT \* FROM table\_name

ORDER BY column DESC;

***Yig’indini olish:***

SELECT SUM(column\_name) FROM table\_name;

***Minimalini chiqarish:***

SELECT MIN(column\_name) FROM table\_name;

***Max chiqarish:***

SELECT MAX(column\_name) FROM table\_name;

***O’rtachasini chiqarish:***

SELECT AVG(column\_name) FROM table\_name;

***Ma’lumotlar sonini chiqarish:***

SELECT COUNT(column\_name) FROM table\_name;

# ALTER TABLE:

***ALTER TABLE bu bizga mavjud bo’lgan jadvalga qo’shimcha column qo’shish uchun ishlatiladi.***

ALTER TABLE table\_name ADD COLUMN column\_name …. ;

***Misol uchun id qo’shmoqchi bo’lsak:***

ALTER TABLE example\_table ADD COLUMN example\_id SERIAL PRIMARY KEY;

***Agar jadval nomini o’zgartirmoqchi bo’lsak ham ALTER TABLE buyrug’idan foydalanishimiz mumkin.***

ALTER TABLE example\_table RENAME TO example\_table\_two;

***Agar biror column nomini o’zgartirmoqchi bo’lsak ham ALTER TABLE ishlatamiz:***

ALTER TABLE table\_name RENAME column\_name TO column\_name\_two;

***Column turini o’zgartirish:***

ALTER TABLE table\_name ALTER COLUMN column\_name TYPE VARCHAR(60);

***Nullable ni ham tog’irlash mumkin ekan:***

ALTER TABLE table\_name ALTER COLUMN column\_name SET NOT NULL;

***Agar biror columnni o’chirmoqchi bo’lsak:***

ALTER TABLE table\_name DROP COLUMN column\_name;