



# VIEW

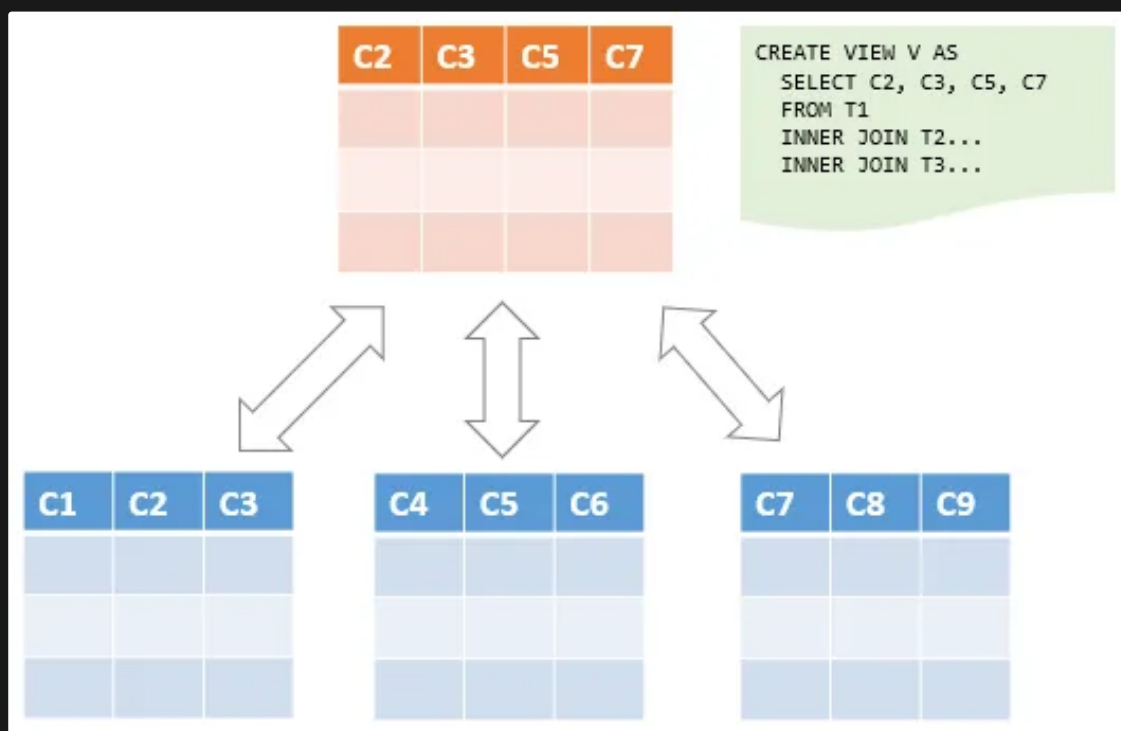
**VIEW** - bazada saqlanadigan sql so'rovlardan tashkil topgan virtual jadval hisoblanadi. View jadvaldan farq qiladi. Farqi shundaki, jadvalda ma'lumotlar saqlanadi. Viewda ma'lumotlar saqlanmaydi. Viewdagi so'rovlar orqali boshqa jadvallardan ma'lumotlar olinadi.

Aytaylik sizda katta so'rov bor, ya'ni 5-6 ta jadvallardan ma'lumotlarni olib chiqadigan. Shu so'rovni har safar yozib yurmaslik uchun biror **.txt** faylga yoki **.sql** faylga yozib kompyuterda saqlab qo'yish mumkin. Kerak bo'lganda shu faylni topib ichidagi so'rovdan foydalanish mumkin. Mysql VIEWlar orqali so'rovlarga biror nom berib uni bazada saqlab qo'yishimiz mumkin.

Keling misol bilan ko'ramiz. Joinlar mavzusidagi 11-masalaning so'rovini olamiz.

```
select od.productCode, p.productName, SUM(od.quantityOrdered) as jami from order
details as od LEFT JOIN products p on od.productCode = p.productCode LEFT JOIN o
rders o on od.orderNumber = o.orderNumber WHERE year(o.orderDate) = 2003 and mon
th(o.orderDate)=11 GROUP BY productCode HAVING jami >130;
```

Ushbu so'rov bizga 3 ta jadvaldan kerakli ma'lumotlarni olib chiqadi.



```
-- Qolip CREATE OR REPLACE VIEW contacts AS SELECT firstName, lastName, extension, email FROM employees;
```

Ushbu so'rov asosida **VIEW** hosil qilamiz

```
CREATE OR REPLACE VIEW orderDdetails2003 AS select od.productCode, p.productName, SUM(od.quantityOrdered) as jami from orderdetails as od LEFT JOIN products p on od.productCode = p.productCode LEFT JOIN orders o on od.orderNumber = o.orderNumber WHERE year(o.orderDate) = 2003 and month(o.orderDate)=11 GROUP BY productCode HAVING jami >130;
```


**VIEW** ga **orderDdetails2003** deb nom berdik.

Endi shu viewdan foydalanamiz:

```
SELECT * FROM orderDdetails2003; Natija: +-----+-----+
-----+-----+ | productCode | productName | jami | +-----+-----+
-----+-----+ | S12_3891 | 1969 Ford Falcon | 131 | | S18_3232 |
1992 Ferrari 360 Spider red | 217 | | S18_3685 | 1948 Porsche Type 356 Roadster
| 132 | | S18_4522 | 1904 Buick Runabout | 132 | +-----+-----+
-----+-----+ -- Yoki SELECT * FROM orderDdetails2003 where productCo
de='S18_3232'; Natija: +-----+-----+-----+-----+ | pr
oductCode | productName | jami | +-----+-----+-----+-----+
-----+ | S18_3232 | 1992 Ferrari 360 Spider red | 217 | +-----+-----+
-----+-----+
```

```
SHOW FULL TABLES; Ushbu buyruq yordamida bazadagi jadvallar va viewlarni ko'rish mumkin
```

SQL

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```
1 SHOW CREATE VIEW view_name; Ushbu buyruq bilan view haqida ma'lumot olish mumkin
```

## VIEW ni o'chirish

```
DROP VIEW IF EXISTS contacts;
```