Скрипт SQL, который формирует выборку по абонентам, которые:

***1. Подключились в декабре (с 1 по 31), не реактивации***

WITH

table1 as (

SELECT month, company\_name, count(sub\_id) as abon\_quantity

FROM subscriber

WHERE status = ‘1’ and pp\_type\_id = ‘Voice’

GROUP BY 1, 2),

table2 as (

SELECT table2.month, table2.sub\_id, table2.company\_name, table2.status, table2.pp\_type\_id, table1.abon\_quantity

FROM subscriber

LEFT JOIN table1 on table1.company\_name=table2.company\_name and table1.month=table2.month

WHERE table2.status = ‘1’ and table2.pp\_type\_id = ‘Voice’

SELECT a.date\_act, a.sub\_id, b.pp\_name, c.service\_name, d.company\_name, e.abon\_quantity

FROM gross as a

LEFT JOIN tariff as b on a.sub\_id=b.sub\_id

LEFT JOIN service as c on a.sub\_id=c.sub\_id

LEFT JOIN subscriber as d on a.sub\_id=d.sub\_id

LEFT JOIN table2 as e on a.sub\_id=e.sub\_id and extract(month from a.date\_act)=extract(month from e.month)

**WHERE a.date\_act between ‘2022-12-01’ and ‘2022-12-31’ and a.reactivation = ’0’ and e.month = ‘2022-12-01’**

***2. Тип клиента Business***

WITH

table1 as (

SELECT month, company\_name, count(sub\_id) as abon\_quantity

FROM subscriber

WHERE status = ‘1’ and pp\_type\_id = ‘Voice’

GROUP BY 1, 2),

table2 as (

SELECT table2.month, table2.sub\_id, table2.company\_name, table2.status, table2.pp\_type\_id, table1.abon\_quantity

FROM subscriber

LEFT JOIN table1 on table1.company\_name=table2.company\_name and table1.month=table2.month

WHERE table2.status = ‘1’ and table2.pp\_type\_id = ‘Voice’

SELECT a.date\_act, a.sub\_id, b.pp\_name, c.service\_name, d.company\_name, e.abon\_quantity

FROM gross as a

LEFT JOIN tariff as b on a.sub\_id=b.sub\_id

LEFT JOIN service as c on a.sub\_id=c.sub\_id

LEFT JOIN subscriber as d on a.sub\_id=d.sub\_id

LEFT JOIN table2 as e on a.sub\_id=e.sub\_id and extract(month from a.date\_act)=extract(month from e.month)

**WHERE d.customer\_type = ‘Business’**

***3. Подключились на один из тарифных планов «Бизнес-план», «Бизнес-план 1.0», «Бизнес-план 2.0», «Бизнес-план 3.0», «Бизнес-план 4.0» и продолжают пользоваться сегодня***

WITH

table1 as (

SELECT month, company\_name, count(sub\_id) as abon\_quantity

FROM subscriber

WHERE status = ‘1’ and pp\_type\_id = ‘Voice’

GROUP BY 1, 2),

table2 as (

SELECT table2.month, table2.sub\_id, table2.company\_name, table2.status, table2.pp\_type\_id, table1.abon\_quantity

FROM subscriber

LEFT JOIN table1 on table1.company\_name=table2.company\_name and table1.month=table2.month

WHERE table2.status = ‘1’ and table2.pp\_type\_id = ‘Voice’

SELECT a.date\_act, a.sub\_id, b.pp\_name, c.service\_name, d.company\_name, e.abon\_quantity

FROM gross as a

LEFT JOIN tariff as b on a.sub\_id=b.sub\_id

LEFT JOIN service as c on a.sub\_id=c.sub\_id

LEFT JOIN subscriber as d on a.sub\_id=d.sub\_id

LEFT JOIN table2 as e on a.sub\_id=e.sub\_id and extract(month from a.date\_act)=extract(month from e.month)

**WHERE b.pp\_name in (‘Бизнес-план’, ‘Бизнес-план 1.0’, ‘Бизнес-план 2.0’, ‘Бизнес-план 3.0’, ‘Бизнес-план 4.0’) and b.pp\_end\_date = ‘2999-01-01 00:00:00’**

***4. Подключили один из пакетов «Безлимитный интернет 512», «Безлимитный интернет 1», «Безлимитный интернет 2» в дату подключения абонента и продолжают пользоваться на сегодня***

WITH

table1 as (

SELECT month, company\_name, count(sub\_id) as abon\_quantity

FROM subscriber

WHERE status = ‘1’ and pp\_type\_id = ‘Voice’

GROUP BY 1, 2),

table2 as (

SELECT table2.month, table2.sub\_id, table2.company\_name, table2.status, table2.pp\_type\_id, table1.abon\_quantity

FROM subscriber

LEFT JOIN table1 on table1.company\_name=table2.company\_name and table1.month=table2.month

WHERE table2.status = ‘1’ and table2.pp\_type\_id = ‘Voice’

SELECT a.date\_act, a.sub\_id, b.pp\_name, c.service\_name, d.company\_name, e.abon\_quantity

FROM gross as a

LEFT JOIN tariff as b on a.sub\_id=b.sub\_id

LEFT JOIN service as c on a.sub\_id=c.sub\_id

LEFT JOIN subscriber as d on a.sub\_id=d.sub\_id

LEFT JOIN table2 as e on a.sub\_id=e.sub\_id and extract(month from a.date\_act)=extract(month from e.month)

**WHERE c.service\_name in (‘Безлимитный интернет 512’, ‘Безлимитный интернет 1’, ‘Безлимитный интернет 2’) and c.service\_start\_date = a.date\_act and c.service\_stop\_date = ‘2999-01-01 00:00:00’**