**Скрипты SAP HANA**

Остатки

select top 1000

sls."/BIC/BEMIT000",

--sls."/BIC/BAZS0000",

--sls."/BIC/BCOM0000",

sls."/BIC/BCOMT000",

--sls."/BIC/BNOM0000",

--sls.DATE0,

--sls.CALDAY,

sls.CALMONTH,

sls.CALMONTH2,

sls.CALQUARTER,

--sls.CALWEEK,

sls.CALYEAR,

sls.CURRENCY,

sls."/BIC/BGDSCURR",

sum(sls."/BIC/BC000000") as "/BIC/BC000000",

sum(inc."/BIC/BSREC000") - sum(sls."/BIC/BSSLS000") + sum("/BIC/BSSTK000") as "/BIC/BSSTK000",

sum(inc."/BIC/BSEXC000") - sum(sls."/BIC/BSEXC000") as "/BIC/BSEXC000",

sum(inc."/BIC/BSVAT000") - sum(sls."/BIC/BSVAT000") as "/BIC/BSVAT000"

from "/BIC/ABDSLS0002" as sls

left outer join "/BIC/ABDREC0012" as inc

on inc."/BIC/BAZS0000" = sls."/BIC/BAZS0000" and inc."/BIC/BCOM0000" = sls."/BIC/BCOM0000" and

inc.DATE0 = sls.DATE0

left outer join "/BIC/ABDSTK0012" as bls

on bls."/BIC/BAZS0000" = sls."/BIC/BAZS0000" and bls."/BIC/BCOM0000" = sls."/BIC/BCOM0000" and

bls.calmonth = sls.calmonth

where sls.date0 between '20210201' and '20210207' and sls."/BIC/BEMIT000" = 020

group by

sls."/BIC/BEMIT000",

--sls."/BIC/BAZS0000",

--sls."/BIC/BCOM0000",

sls."/BIC/BCOMT000",

--sls."/BIC/BNOM0000",

--sls.DATE0,

--sls.CALDAY,

sls.CALMONTH,

sls.CALMONTH2,

sls.CALQUARTER,

--sls.CALWEEK,

sls.CALYEAR,

sls.CURRENCY,

sls."/BIC/BGDSCURR"

**Кол-во чеков где предъявлялась КЛ**

**Вариант 1**

select xx.CheckCount, xx1.CheckCount\_all, round(xx.CheckCount\*100/xx1.CheckCount\_all,1) as Percent,

org.txtlg

from (select count(\*) as CheckCount, "/BIC/BEMIT000"

from (select "/BIC/BAZS0000", "/BIC/BCHKNUM0", date0, "/BIC/BEMIT000"

from (select "/BIC/BCHKNUM0", "/BIC/BAZS0000", "/BIC/BEMIT000", date0 from "/BIC/ABDSLS0002"

where year(date0)=2020 and month(date0)=07 and "/BIC/BLCRD\_IS" = 1 and (

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000010816514 as bigint) and cast(2000011316006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011316013 as bigint) and cast(2000011816001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011816018 as bigint) and cast(2000012316005 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012316012 as bigint) and cast(2000012816000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012816017 as bigint) and cast(2000013316004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013316011 as bigint) and cast(200001381609 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013816016 as bigint) and cast(2000014316003 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014316010 as bigint) and cast(2000014816008 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014816015 as bigint) and cast(2000015316002 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015316019 as bigint) and cast(2000015816007 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015816014 as bigint) and cast(2000016316001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016316018 as bigint) and cast(2000016816006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016816013 as bigint) and cast(2000017316000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000018316016 as bigint) and cast(2000018816004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000024000008 as bigint) and cast(2000025819999 as bigint))

)

union

select "/BIC/BCHKNUM0", "/BIC/BAZS0000", "/BIC/BEMIT000", date0 from "/BIC/ABDNPSPD2"

where year(date0)=2020 and month(date0)=07 and "/BIC/BLCRD\_IS" = 1 and (

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000010816514 as bigint) and cast(2000011316006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011316013 as bigint) and cast(2000011816001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011816018 as bigint) and cast(2000012316005 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012316012 as bigint) and cast(2000012816000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012816017 as bigint) and cast(2000013316004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013316011 as bigint) and cast(200001381609 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013816016 as bigint) and cast(2000014316003 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014316010 as bigint) and cast(2000014816008 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014816015 as bigint) and cast(2000015316002 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015316019 as bigint) and cast(2000015816007 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015816014 as bigint) and cast(2000016316001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016316018 as bigint) and cast(2000016816006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016816013 as bigint) and cast(2000017316000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000018316016 as bigint) and cast(2000018816004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000024000008 as bigint) and cast(2000025819999 as bigint))

)

)

)

group by "/BIC/BEMIT000"

) as xx

inner join

(select count(\*) as CheckCount\_all, "/BIC/BEMIT000"

from (select "/BIC/BAZS0000", "/BIC/BCHKNUM0", date0, "/BIC/BEMIT000"

from (select "/BIC/BCHKNUM0", "/BIC/BAZS0000", "/BIC/BEMIT000", date0 from "/BIC/ABDSLS0002"

where year(date0)=2020 and month(date0)=07

union

select "/BIC/BCHKNUM0", "/BIC/BAZS0000", "/BIC/BEMIT000", date0 from "/BIC/ABDNPSPD2"

where year(date0)=2020 and month(date0)=07

)

)

group by "/BIC/BEMIT000"

) as xx1

on xx1."/BIC/BEMIT000" = xx."/BIC/BEMIT000"

inner join "/BIC/TBEMIT000" as org

on org."/BIC/BEMIT000" = xx."/BIC/BEMIT000"

**Вариант 2**

select count(\*) as CheckCount, xx1."/BIC/BEMIT000"

from

(select distinct xx."/BIC/BCHKNUM0", xx."/BIC/BEMIT000", xx.code, xx."/BIC/BCHKSHDT"

from

(select "/BIC/BCHKNUM0", code, sls\_gds."/BIC/BEMIT000", "/BIC/BCHKSHDT"

from "/BIC/ABDSLS0002" as sls\_gds

inner join "/BIC/ABDAZS0002" as azs on azs."/BIC/BAZS0000" = sls\_gds."/BIC/BAZS0000"

where year(date0)=2020 and month(date0)=07 and "/BIC/BLCRD\_IS" = 1

union

select "/BIC/BCHKNUM0", code, sls\_np."/BIC/BEMIT000", "/BIC/BCHKSHDT"

from "/BIC/ABDNPSPD2" as sls\_np

inner join "/BIC/ABDAZS0002" as azs on azs."/BIC/BAZS0000" = sls\_np."/BIC/BAZS0000"

where year(date0)=2020 and month(date0)=07 and "/BIC/BLCRD\_IS" = 1

) as xx

) as xx1

group by xx1."/BIC/BEMIT000"

***Тоже но только по товрам***

select count(\*), "/BIC/BEMIT000"

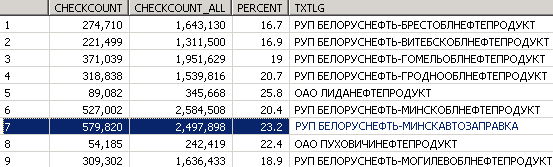
from (select distinct "/BIC/BCHKNUM0", "/BIC/BEMIT000", "/BIC/BAZS0000", "/BIC/BCHKSHDT"

from "/BIC/ABDSLS0002"

where (date0 between '20200701' and '20200731') and ("/BIC/BLCRD\_IS" = 1)

) as xx

group by "/BIC/BEMIT000"



**То же в mssql**

select count(\*), xx1.AzsDocOrganizationCodeEmitent

from

(

select distinct xx.AzsDocOrganizationCodeEmitent, xx.AzsDocAzsCode, xx.AzsDocDocId, xx.AzsDocShiftDate

from

(SELECT

sls\_np.AzsDocDocId,

sls\_np.AzsDocShiftDate,

sls\_np.AzsDocAzsCode,

sls\_np.AzsDocOrganizationCodeEmitent,

sls\_np.Position,

sls\_np.sum,

'np' as entity

FROM dwbeloil.fact.AzsSaleFuel as sls\_np

inner join dwbeloil.fact.AzsDoc as doc

on doc.AzsCode = sls\_np.AzsDocAzsCode and doc.OrganizationCodeEmitent = sls\_np.AzsDocOrganizationCodeEmitent and doc.DocId = sls\_np.AzsDocDocId and doc.ShiftDate = sls\_np.AzsDocShiftDate

where (cast(sls\_np.date as DATE) between '2020-07-01' and '2020-07-31') and (doc.LoyaltyCard is not null)

union

SELECT

sls\_gds.AzsDocDocId,

sls\_gds.AzsDocShiftDate,

sls\_gds.AzsDocAzsCode,

sls\_gds.AzsDocOrganizationCodeEmitent,

sls\_gds.Position,

sls\_gds.sum,

'gds' as entity

FROM dwbeloil.fact.AzsSaleGoods as sls\_gds

inner join dwbeloil.fact.AzsDoc as doc

on doc.AzsCode = sls\_gds.AzsDocAzsCode and doc.OrganizationCodeEmitent = sls\_gds.AzsDocOrganizationCodeEmitent and doc.DocId = sls\_gds.AzsDocDocId and doc.ShiftDate = sls\_gds.AzsDocShiftDate

where (cast(sls\_gds.date as DATE) between '2020-07-01' and '2020-07-31') and (doc.LoyaltyCard is not null)

) as xx

) as xx1

group by xx1.AzsDocOrganizationCodeEmitent

**Кол-во карт лояльности по которым была хотя бы одна покупка *за заданный интервал***

select count(distinct "/BIC/BLOYCARD") as LK\_Count

from (

select "/BIC/BLOYCARD" from "/BIC/ABDSLS0002"

where (date0 between '20200501' and '20200531') and "/BIC/BLCRD\_IS" = 1 and

length(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1)) > 1 and (

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000010816514 as bigint) and cast(2000011316006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011316013 as bigint) and cast(2000011816001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011816018 as bigint) and cast(2000012316005 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012316012 as bigint) and cast(2000012816000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012816017 as bigint) and cast(2000013316004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013316011 as bigint) and cast(200001381609 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013816016 as bigint) and cast(2000014316003 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014316010 as bigint) and cast(2000014816008 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014816015 as bigint) and cast(2000015316002 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015316019 as bigint) and cast(2000015816007 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015816014 as bigint) and cast(2000016316001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016316018 as bigint) and cast(2000016816006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016816013 as bigint) and cast(2000017316000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000018316016 as bigint) and cast(2000018816004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000024000008 as bigint) and cast(2000025819999 as bigint))

)

union

select "/BIC/BLOYCARD" from "/BIC/ABDNPSPD2"

where (date0 between '20200501' and '20200531') and "/BIC/BLCRD\_IS" = 1 and

length(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1)) > 1 and (

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000010816514 as bigint) and cast(2000011316006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011316013 as bigint) and cast(2000011816001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000011816018 as bigint) and cast(2000012316005 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012316012 as bigint) and cast(2000012816000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000012816017 as bigint) and cast(2000013316004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013316011 as bigint) and cast(200001381609 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000013816016 as bigint) and cast(2000014316003 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014316010 as bigint) and cast(2000014816008 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000014816015 as bigint) and cast(2000015316002 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015316019 as bigint) and cast(2000015816007 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000015816014 as bigint) and cast(2000016316001 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016316018 as bigint) and cast(2000016816006 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000016816013 as bigint) and cast(2000017316000 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000018316016 as bigint) and cast(2000018816004 as bigint)) or

(cast(substr\_regexpr('([[:digit:]]\*)' in left("/BIC/BLOYCARD", 13) group 1) as bigint) between cast(2000024000008 as bigint) and cast(2000025819999 as bigint))

)

)

**Продажи по новым КЛ *за заданный интервал***