Переделка полей с ДАТОЙ из типа **bigint** в тип **string**

Формируем селект из имеющейся таблицы, преобразуя тип **bigint** в тип **string**

SELECT

xk,

tk,

eoperationstatus\_uk,

from\_unixtime(cast(round(value\_day/1000) as bigint), 'yyyy-MM-dd') as value\_day,

module\_uk,

eoperationtype\_uk,

cardpaymentsystem\_uk,

receiver\_ccode,

account\_debet\_uk,

account\_debet\_info,

account\_credit\_uk,

account\_credit\_info,

sum\_cur\_amt,

fee\_cur\_amt,

currency\_uk,

trn\_source\_no,

from\_unixtime(cast(round(trn\_value\_day/1000) as bigint), 'yyyy-MM-dd') as trn\_value\_day,

description,

client\_uk,

paydoc\_tk,

from\_unixtime(cast(round(paydoc\_value\_day/1000) as bigint), 'yyyy-MM-dd') as paydoc\_value\_day,

user\_update\_uk,

user\_create\_uk,

from\_unixtime(cast(round(srcsystem\_time/1000) as bigint), 'yyyy-MM-dd') as srcsystem\_time,

from\_unixtime(cast(round(paysystem\_time/1000) as bigint), 'yyyy-MM-dd') as paysystem\_time,

deleted\_flag,

dwscmix,

from\_unixtime(cast(round(as\_of\_day/1000) as bigint), 'yyyy-MM-dd') as as\_of\_day,

job\_insert,

job\_update,

from\_unixtime(cast(round(validfrom/1000) as bigint), 'yyyy-MM-dd') as validfrom,

from\_unixtime(cast(round(validto/1000) as bigint), 'yyyy-MM-dd') as validto,

src\_payment\_ccode,

srvprovider\_uk,

epaytemplate\_uk

FROM s\_dwh.epayoperation\_htran

WHERE date\_part='20160101' **(для теста)**

**Пересоздаем таблицу, переделывая поля с датами в тип string:**

**(важно в каком регистре написано название таблицы в Location - это путь к HDFS )**

CREATE TABLE `s\_dwh.epayoperation\_htran\_new2405`(

`xk` string,

`tk` string,

`eoperationstatus\_uk` string,

`value\_day` string,

`module\_uk` string,

`eoperationtype\_uk` string,

`cardpaymentsystem\_uk` string,

`receiver\_ccode` string,

`account\_debet\_uk` string,

`account\_debet\_info` string,

`account\_credit\_uk` string,

`account\_credit\_info` string,

`sum\_cur\_amt` string,

`fee\_cur\_amt` string,

`currency\_uk` string,

`trn\_source\_no` string,

`trn\_value\_day` string,

`description` string,

`client\_uk` string,

`paydoc\_tk` string,

`paydoc\_value\_day` string,

`user\_update\_uk` string,

`user\_create\_uk` string,

`srcsystem\_time` string,

`paysystem\_time` string,

`deleted\_flag` string,

`dwscmix` string,

`as\_of\_day` string,

`job\_insert` string,

`job\_update` string,

`validfrom` string,

`validto` string,

`src\_payment\_ccode` string,

`srvprovider\_uk` string,

`epaytemplate\_uk` string)

PARTITIONED BY (

`date\_part` int)

ROW FORMAT SERDE

'org.apache.hadoop.hive.ql.io.parquet.serde.ParquetHiveSerDe'

STORED AS INPUTFORMAT

'org.apache.hadoop.hive.ql.io.parquet.MapredParquetInputFormat'

OUTPUTFORMAT

'org.apache.hadoop.hive.ql.io.parquet.MapredParquetOutputFormat'

LOCATION

'hdfs://bda11/storage/s\_dwh/db/**epayoperation\_htran\_new2405'**

TBLPROPERTIES (

'avro.schema.url'='hdfs://bda11/storage/s\_dwh/Description/EPAYOPERATION\_HTRAN/sqoop\_import\_QueryResult.avsc',

'kite.compression.type'='snappy',

'last\_modified\_by'='hive',

'last\_modified\_time'='1521033851',

'transient\_lastDdlTime'='1521033851')

**Запускаем переливку, включая динамическое партиционирование**

set hive.exec.dynamic.partition.mode=nonstrict;

set hive.exec.dynamic.partition=true;

insert overwrite table s\_dwh.epayoperation\_htran\_new2405 PARTITION(date\_part)

select

xk,

tk,

eoperationstatus\_uk,

from\_unixtime(cast(round(value\_day/1000) as bigint), 'dd.MM.yyyy') as value\_day,

module\_uk,

eoperationtype\_uk,

cardpaymentsystem\_uk,

receiver\_ccode,

account\_debet\_uk,

account\_debet\_info,

account\_credit\_uk,

account\_credit\_info,

sum\_cur\_amt,

fee\_cur\_amt,

currency\_uk,

trn\_source\_no,

from\_unixtime(cast(round(trn\_value\_day/1000) as bigint), 'dd.MM.yyyy') as trn\_value\_day,

description,

client\_uk,

paydoc\_tk,

from\_unixtime(cast(round(paydoc\_value\_day/1000) as bigint), 'dd.MM.yyyy') as paydoc\_value\_day,

user\_update\_uk,

user\_create\_uk,

from\_unixtime(cast(round(srcsystem\_time/1000) as bigint), 'dd.MM.yyyy') as srcsystem\_time,

from\_unixtime(cast(round(paysystem\_time/1000) as bigint), 'dd.MM.yyyy') as paysystem\_time,

deleted\_flag,

dwscmix,

from\_unixtime(cast(round(as\_of\_day/1000) as bigint), 'dd.MM.yyyy') as as\_of\_day,

job\_insert,

job\_update,

from\_unixtime(cast(round(validfrom/1000) as bigint), 'dd.MM.yyyy') as validfrom,

from\_unixtime(cast(round(validto/1000) as bigint), 'dd.MM.yyyy') as validto,

src\_payment\_ccode,

srvprovider\_uk,

epaytemplate\_uk,

**date\_part -- добавляем к списку полей !!!** иначе insert не поймет что это за параметр

FROM s\_dwh.epayoperation\_htran

WHERE date\_part >= 20150827 and date\_part < 20160101; **--(даты без кавычек, иначе не будет работать сравнение)**

Переименовываем, сначала постоянную таблицу в архивную:

alter table s\_dwh.etechoperation\_stran rename to s\_dwh.etechoperation\_stran\_arch2405

потом временную в постоянную

alter table s\_dwh.etechoperation\_stran\_new2405 rename to s\_dwh.etechoperation\_stran