Объединение таблицы с архивной, используя динамическое партиционирование.

Пример с ресурса:

<https://docs.microsoft.com/ru-ru/azure/hdinsight/hdinsight-hadoop-optimize-hive-query>:

SET hive.exec.dynamic.partition = true;

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

INSERT INTO TABLE lineitem\_part

PARTITION (L\_SHIPDATE)

SELECT L\_ORDERKEY as L\_ORDERKEY, L\_PARTKEY as L\_PARTKEY , L\_SUPPKEY as L\_SUPPKEY, L\_LINENUMBER as L\_LINENUMBER, L\_QUANTITY as L\_QUANTITY, L\_EXTENDEDPRICE as L\_EXTENDEDPRICE, L\_DISCOUNT as L\_DISCOUNT, L\_TAX as L\_TAX, L\_RETURNFLAG as L\_RETURNFLAG, L\_LINESTATUS as L\_LINESTATUS, L\_SHIPDATE as L\_SHIPDATE\_PS, L\_COMMITDATE as L\_COMMITDATE, L\_RECEIPTDATE as L\_RECEIPTDATE, L\_SHIPINSTRUCT as L\_SHIPINSTRUCT, L\_SHIPMODE as L\_SHIPMODE, L\_COMMENT as L\_COMMENT, L\_SHIPDATE as L\_SHIPDATE FROM lineitem;

пытаюсь протестировать на 20151201.

SET hive.exec.dynamic.partition = true;

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

INSERT INTO TABLE s\_dwh.cardtransaction\_htran PARTITION (date\_part)

SELECT

account\_uk,

alfaatm\_uk,

from\_unixtime(unix\_timestamp(as\_of\_day,'yyyy-mm-dd'),'yyyymmdd'),

cardtrncity\_nk,

cardtrnmcc\_uk,

cardtrnmrcname\_nk,

cardtrnoptype\_uk,

cardtrnpaymind\_uk,

cardtrnproccode\_uk,

cardtrnterminal\_ccode,

cardtrnterminaltype\_uk,

card\_uk,

conamt\_cur\_amt,

country\_uk,

currency\_op\_uk,

deleted\_flag,

dwscmix,

job\_insert,

job\_update,

from\_unixtime(unix\_timestamp(opdate\_time,'yyyy-mm-dd'),'yyyymmdd'),

return\_flag,

from\_unixtime(unix\_timestamp(sttldate\_time,'yyyy-mm-dd'),'yyyymmdd'),

transno\_ncode,

from\_unixtime(unix\_timestamp(validfrom,'yyyy-mm-dd'),'yyyymmdd'),

from\_unixtime(unix\_timestamp(validto,'yyyy-mm-dd'),'yyyymmdd'),

from\_unixtime(unix\_timestamp(value\_day,'yyyy-mm-dd'),'yyyymmdd'),

xk,

income\_flag,

transactionfee\_flag,

fee\_cur\_amt,

acquirerinstitute\_uk,

cardtrnsttltype\_uk,

cardpaymentsystem\_uk,

another\_bank\_flag,

country\_card\_uk,

operation\_cur\_amt,

bsp\_flag,

transauthno\_ncode,

cardtrnauthorization\_ccode,

cardtrnauthresp\_uk,

acquiringmerchant\_uk,

acquiringoutlet\_uk,

alternativecardnumber\_ccode,

bankpaysysinfo\_uk,

retrievalrefnum\_ccode,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

NULL,

from\_unixtime(unix\_timestamp(value\_day,'yyyy-mm-dd'),'yyyymmdd') as date\_part

FROM s\_dwh.cardtransaction\_htran\_arch

WHERE part\_month='201512' and value\_day='2015-12-01';

В данном случае таблица **cardtransaction\_htran\_arch** партиционирована по месяцам:

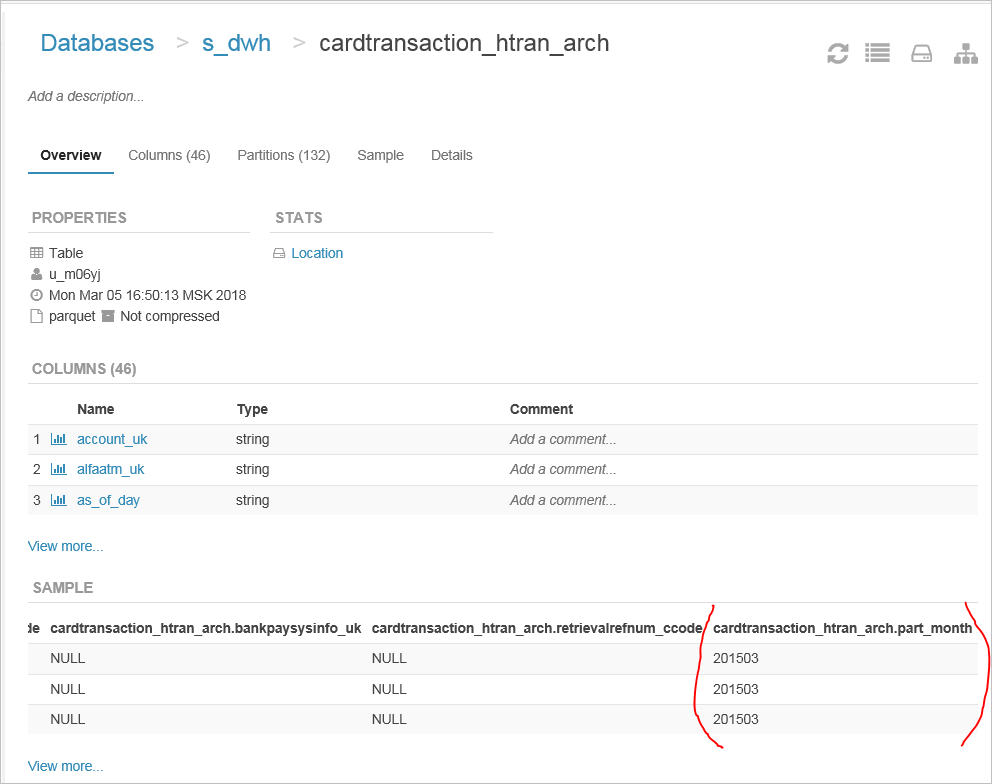
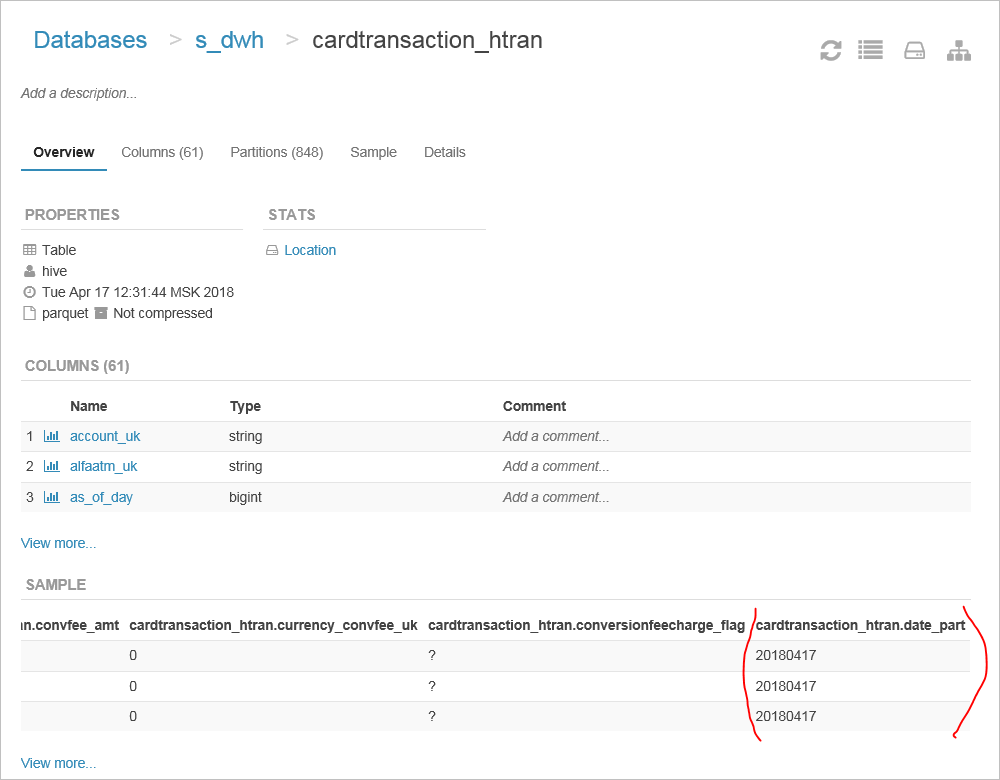
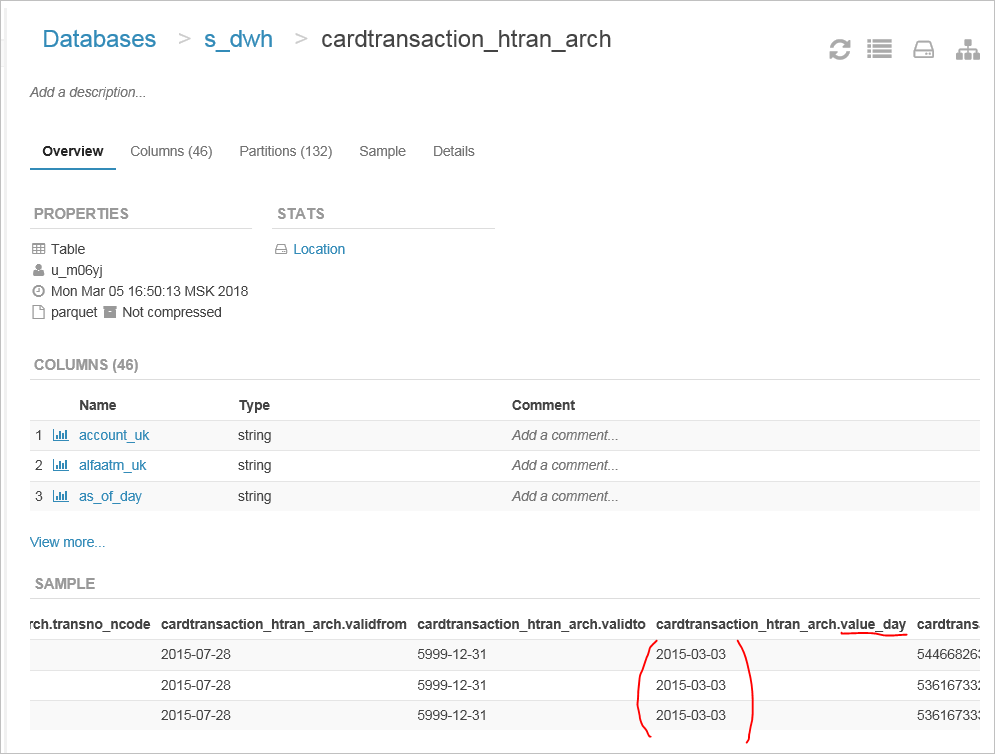


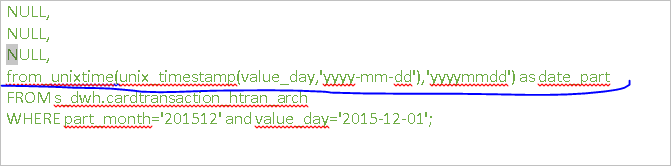
Таблица **cardtransaction\_htran** партиционирована по дням:



Чтобы получить названия партиций используем **value\_day**



преобразуем его в **date\_part:**



И используем в качестве названия для дигамическисоздаваемых партиций:

