

**DROP** **TABLE** **IF** **EXISTS** default.trips;

**CREATE** **TABLE** default.trips

(

**`trip\_id`** **UInt32**,

**`pickup\_datetime`** **DateTime**,

**`dropoff\_datetime`** **DateTime**,

**`pickup\_longitude`** Nullable(**Float64**),

**`pickup\_latitude`** Nullable(**Float64**),

**`dropoff\_longitude`** Nullable(**Float64**),

**`dropoff\_latitude`** Nullable(**Float64**),

**`passenger\_count`** **UInt8**,

**`trip\_distance`** **Float32**,

**`fare\_amount`** **Float32**,

**`extra`** **Float32**,

**`tip\_amount`** **Float32**,

**`tolls\_amount`** **Float32**,

**`total\_amount`** **Float32**,

**`payment\_type`** **Enum8**('CSH' = 1,

'CRE' = 2,

'NOC' = 3,

'DIS' = 4,

'UNK' = 5),

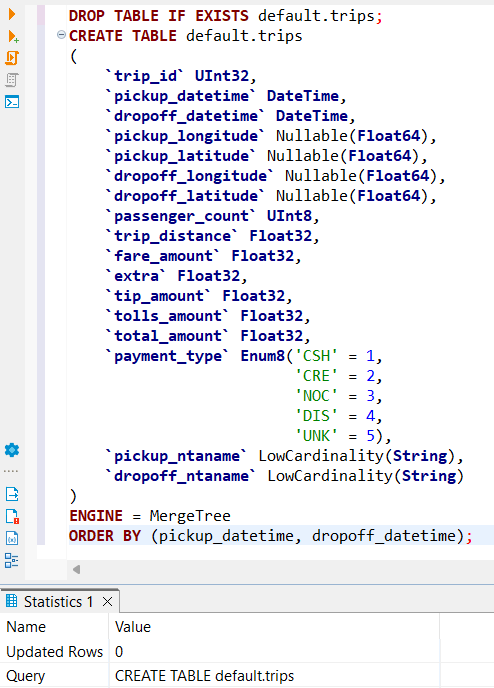
**`pickup\_ntaname`** LowCardinality(**String**),

**`dropoff\_ntaname`** LowCardinality(**String**)

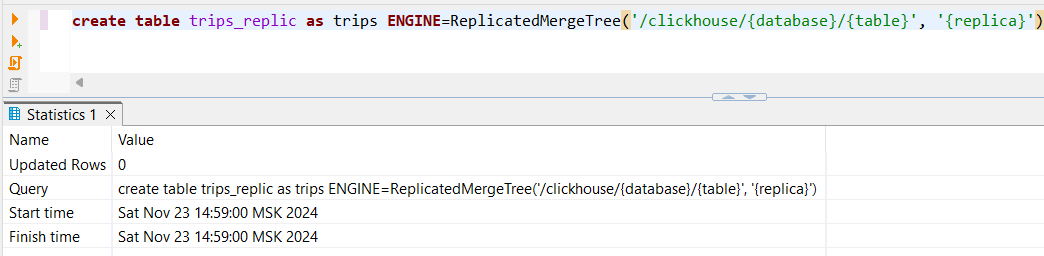
)

**ENGINE** = MergeTree

**ORDER** **BY** (pickup\_datetime, dropoff\_datetime);

****

**create** **table** trips\_replic **as** trips **ENGINE**=ReplicatedMergeTree('/clickhouse/{database}/{table}', '{replica}')

****

**INSERT** **INTO** trips\_replic

**SELECT**

trip\_id,

pickup\_datetime,

dropoff\_datetime,

pickup\_longitude,

pickup\_latitude,

dropoff\_longitude,

dropoff\_latitude,

passenger\_count,

trip\_distance,

fare\_amount,

extra,

tip\_amount,

tolls\_amount,

total\_amount,

payment\_type,

pickup\_ntaname,

dropoff\_ntaname

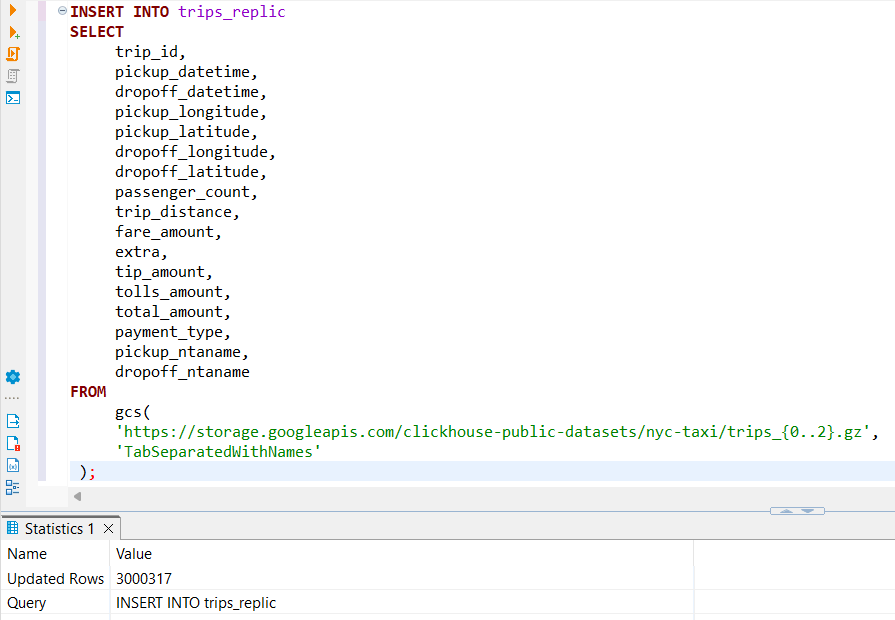
**FROM**

gcs(

'https://storage.googleapis.com/clickhouse-public-datasets/nyc-taxi/trips\_{0..2}.gz',

'TabSeparatedWithNames'

);



**SELECT**

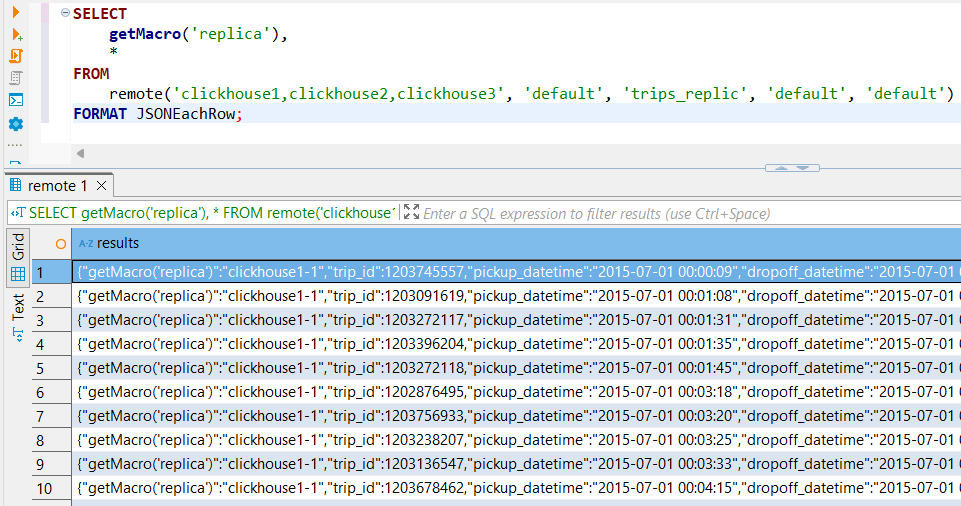
**getMacro**('replica'),

\*

**FROM**

remote('clickhouse1,clickhouse2,clickhouse3', 'default', 'trips\_replic', 'default', 'default')

**FORMAT** JSONEachRow;



**SELECT** **distinct**

**getMacro**('replica')

**FROM**

remote('clickhouse1,clickhouse2,clickhouse3',

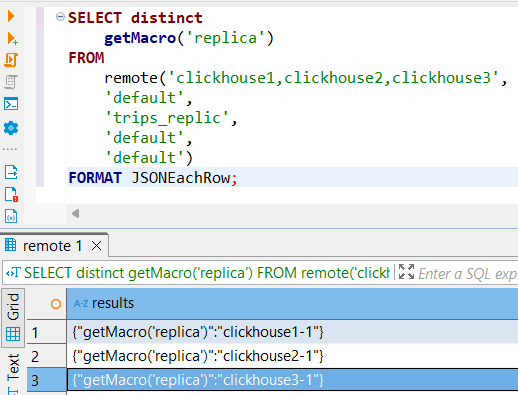
'default',

'trips\_replic',

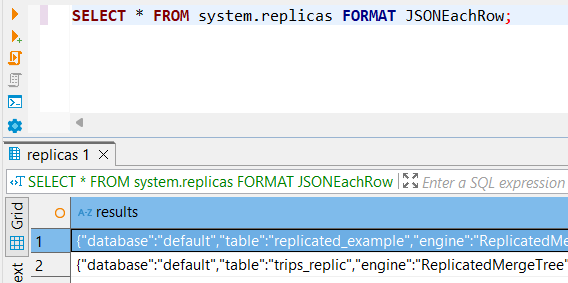
'default',

'default')

**FORMAT** JSONEachRow;

****

**SELECT** \* **FROM** system.replicas **FORMAT** JSONEachRow;

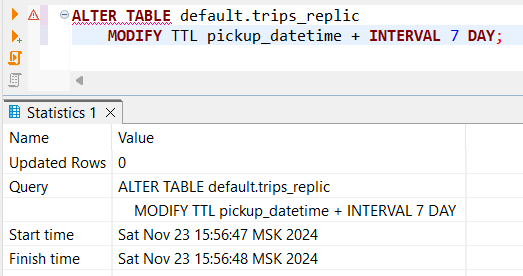


|{"database":"default","table":"replicated\_example","engine":"ReplicatedMergeTree","is\_leader":1,"can\_become\_leader":1,"is\_readonly":0,"readonly\_start\_time":null,"is\_session\_expired":0,"future\_parts":0,"parts\_to\_check":0,"zookeeper\_name":"default","zookeeper\_path":" clickhouse default replicated\_example","replica\_name":"clickhouse1-1","replica\_path":" clickhouse default replicated\_example replicas clickhouse1-1","columns\_version":-1,"queue\_size":0,"inserts\_in\_queue":0,"merges\_in\_queue":0,"part\_mutations\_in\_queue":0,"queue\_oldest\_time":"1970-01-01 00:00:00","inserts\_oldest\_time":"1970-01-01 00:00:00","merges\_oldest\_time":"1970-01-01 00:00:00","part\_mutations\_oldest\_time":"1970-01-01 00:00:00","oldest\_part\_to\_get":"","oldest\_part\_to\_merge\_to":"","oldest\_part\_to\_mutate\_to":"","log\_max\_index":"0","log\_pointer":"1","last\_queue\_update":"2024-11-23 10:55:59","absolute\_delay":"0","total\_replicas":3,"active\_replicas":3,"lost\_part\_count":"0","last\_queue\_update\_exception":"","zookeeper\_exception":"","replica\_is\_active":{"clickhouse1-1":1,"clickhouse2-1":1,"clickhouse3-1":1}}|

|{"database":"default","table":"trips\_replic","engine":"ReplicatedMergeTree","is\_leader":1,"can\_become\_leader":1,"is\_readonly":0,"readonly\_start\_time":null,"is\_session\_expired":0,"future\_parts":0,"parts\_to\_check":0,"zookeeper\_name":"default","zookeeper\_path":" clickhouse default trips\_replic","replica\_name":"clickhouse1-1","replica\_path":" clickhouse default trips\_replic replicas clickhouse1-1","columns\_version":-1,"queue\_size":0,"inserts\_in\_queue":0,"merges\_in\_queue":0,"part\_mutations\_in\_queue":0,"queue\_oldest\_time":"1970-01-01 00:00:00","inserts\_oldest\_time":"1970-01-01 00:00:00","merges\_oldest\_time":"1970-01-01 00:00:00","part\_mutations\_oldest\_time":"1970-01-01 00:00:00","oldest\_part\_to\_get":"","oldest\_part\_to\_merge\_to":"","oldest\_part\_to\_mutate\_to":"","log\_max\_index":"2","log\_pointer":"3","last\_queue\_update":"2024-11-23 12:11:39","absolute\_delay":"0","total\_replicas":3,"active\_replicas":3,"lost\_part\_count":"0","last\_queue\_update\_exception":"","zookeeper\_exception":"","replica\_is\_active":{"clickhouse1-1":1,"clickhouse2-1":1,"clickhouse3-1":1}}

**ALTER** **TABLE** default.trips\_replic

**MODIFY** TTL pickup\_datetime + **INTERVAL** 7 **DAY**;



**SHOW** **CREATE** **TABLE** default.trips\_replic;

