```sql
use role developer;

use warehouse training_wh;

use database <>;

use schema <>;


CREATE FILE FORMAT JSON_OUTPUT_FORMAT TYPE = 'JSON' COMPRESSION = 'GZIP' ENABLE_OCTAL =
FALSE

ALLOW_DUPLICATE = FALSE STRIP_OUTER_ARRAY = TRUE STRIP_NULL_VALUES = FALSE
IGNORE_UTF8_ERRORS = FALSE;


create or replace stage JSON_OUTPUT_STAGE file_format = JSON_OUTPUT_FORMAT;


copy into @JSON_OUTPUT_STAGE/unload/customer/json/customer from (select
object_construct('ADDRESS',C_ADDRESS,'MKTSEGMENT',C_MKTSEGMENT

,'PHONE',C_PHONE

,'COMMENT',C_COMMENT

,'NAME',C_NAME

,'CUSTKEY',C_CUSTKEY

,'NATIONKEY',C_NATIONKEY

,'ACCTBAL',C_ACCTBAL) from CUSTOMER)

  file_format=(format_name=JSON_OUTPUT_FORMAT compression='GZIP') SINGLE =FALSE
MAX_FILE_SIZE =10000000;



select object_construct('ADDRESS',C_ADDRESS,'MKTSEGMENT',C_MKTSEGMENT

,'PHONE',C_PHONE

,'COMMENT',C_COMMENT

,'NAME',C_NAME

,'customerKEY',C_CUSTKEY

,'NATIONKEY',C_NATIONKEY
```

```
,'ACCTBAL',C_ACCTBAL) from CUSTOMER;


list @JSON_OUTPUT_STAGE/unload/customer/json/;


select object_construct('ADDRESS',C_ADDRESS,'MKTSEGMENT',C_MKTSEGMENT
,'PHONE',C_PHONE
,'COMMENT',C_COMMENT
,'NAME',C_NAME
,'CUSTKEY',C_CUSTKEY
,'NATION_DET',object_construct('NATIONKEY',N_NATIONKEY
                ,'NATION_NAME',N_NAME)
,'REGION',object_construct('REGION_NAME',R_NAME
                ,'REGION_KEY',R_REGIONKEY)
,'ACCTBAL',C_ACCTBAL) from CUSTOMER
LEFT OUTER JOIN  nation ON (C_NATIONKEY=N_NATIONKEY)
LEFT OUTER JOIN  region ON (r_regionkey=N_regionkey);


get @CSV_OUTPUT_STAGE/unload/customer/csv/  file://D:\data\unload\;
```