**Code used to create the Lineitem table**

create table s\_lineitem as select \* from lineitem where rand () <= 0.01;

(could add these lines but had some issues when attempted)

Distribute by rand ()

Sort by rand ()

Limit 60000;

**Code Used to create the Partsupp Table**

hive> create table s\_partsupp as select distinct partsupp.ps\_partkey,partsupp.ps\_suppkey,partsupp.ps\_availqty, partsupp.ps\_supplycost, partsupp.ps\_comment from partsupp join s\_lineitem on partsupp.ps\_partkey =s\_lineitem.l\_partkey and partsupp.ps\_suppkey = s\_lineitem.l\_suppkey;

**Code Used to create the Orders Table**

hive> create table s\_orders as select distinct o\_orderkey, o\_custkey,o\_orderstatus,o\_totalprice,o\_orderdate,o\_orderpriority,o\_clerk,o\_shippriority,o\_comment from orders join s\_lineitem on orders.o\_orderkey = s\_lineitem.l\_orderkey;

**Code Used to create the Part Sample Table**

hive> create table s\_part as select distinct p\_partkey, p\_name, p\_mfgr, p\_brand, p\_type, p\_size, p\_container, p\_retailprice, p\_comment from part join s\_partsupp on part.p\_partkey = s\_partsupp.ps\_partkey;

**Code Used to create the Supplier Sample Table**

hive> create table s\_ supplier as select distinct s\_suppkey, s\_name,s\_address,s\_nationkey,s\_phone, s\_acctbal,s\_comment from supplier join s\_partsupp on supplier.s\_suppkey = s\_partsupp.ps\_suppkey;

**Code Used to create the Customer Table**

hive> create table s\_customer as select distinct c\_custkey,c\_name,c\_address,c\_nationkey,c\_phone, c\_acctbal,c\_mktsegment,c\_comment from customer join s\_orders on customer.c\_custkey =s\_orders.o\_custkey;

**Code Used to create the Nation Table**

hive> create table s\_nation as select distinct n\_nationkey, n\_name,n\_regionkey,n\_comment from nation join s\_customer on nation.n\_nationkey = s\_customer.c\_nationkey;

**Code Used to create the Region Table**

hive> create table s\_region as select distinct r\_regionkey, r\_name,r\_comment from region join s\_nation on region.r\_regionkey = s\_nation.n\_regionkey;

**AFTER ALL TABLES WERE CREATED**

**Code Used to transfer table from Source to Sample Table (Did this for all 8 Tables)**

hive> create table s\_tpch1g.lineitem as select \* from tpch1g.s\_lineitem;