```sql
CREATE database covid_db;

use covid_db;

SET hive.exec.max.dynamic.partitions=500000;
SET hive.exec.max.dynamic.partitions.pernode = 500000;
SET hive.exec.dynamic.partition=true;
SET hive.exec.dynamic.partition.mode=nonstrict;

CREATE TABLE IF NOT EXISTS covid_db.covid_staging
(
 Country                              STRING,
 Total_Cases                          DOUBLE,
 New_Cases                            DOUBLE,
 Total_Deaths                       DOUBLE,
 New_Deaths                         DOUBLE,
 Total_Recovered                    DOUBLE,
 Active_Cases                       DOUBLE,
 Serious                              DOUBLE,
 Tot_Cases                            DOUBLE,
 Deaths                               DOUBLE,
 Total_Tests                          DOUBLE,
 Tests                                DOUBLE,
 CASES_per_Test                     DOUBLE,
 Death_in_Closed_Cases               STRING,
 Rank_by_Testing_rate               DOUBLE,
 Rank_by_Death_rate                      DOUBLE,
 Rank_by_Cases_rate                      DOUBLE,
 Rank_by_Death_of_Closed_Cases     DOUBLE
)
ROW FORMAT DELIMITED FIELDS TERMINATED by ','
STORED as TEXTFILE
LOCATION '/user/cloudera/ds/COVID_HDFS_LZ'
tblproperties ("skip.header.line.count"="1");

CREATE EXTERNAL TABLE IF NOT EXISTS covid_db.covid_ds_partitioned
(
 Country                              STRING,
 Total_Cases                          DOUBLE,
 New_Cases                            DOUBLE,
 Total_Deaths                       DOUBLE,
 New_Deaths                         DOUBLE,
 Total_Recovered                    DOUBLE,
 Active_Cases                       DOUBLE,
 Serious                              DOUBLE,
 Tot_Cases                            DOUBLE,
 Deaths                               DOUBLE,
 Total_Tests                          DOUBLE,
 Tests                                DOUBLE,
 CASES_per_Test                     DOUBLE,
 Death_in_Closed_Cases               STRING,
 Rank_by_Testing_rate               DOUBLE,
 Rank_by_Death_rate                      DOUBLE,
 Rank_by_Cases_rate                      DOUBLE,
 Rank_by_Death_of_Closed_Cases     DOUBLE
)
PARTITIONED BY (COUNTRY_NAME STRING)
LOCATION '/user/cloudera/ds/COVID_HDFS_PARTITIONED';

FROM
```

```
covid_db.covid_staging
INSERT INTO TABLE covid_db.covid_ds_partitioned PARTITION(COUNTRY_NAME)
SELECT *,Country WHERE Country is not null;
```

```
 DROP TABLE IF EXISTS covid_final_output;
CREATE EXTERNAL TABLE covid_db.covid_final_output
(
 Country                        STRING,
 TOP_DEATH                       STRING,
 TOP_TEST                       STRING
)
PARTITIONED BY (COUNTRY_NAME STRING)
ROW FORMAT DELIMITED FIELDS TERMINATED by ','
STORED as TEXTFILE
LOCATION '/user/cloudera/ds/COVID_FINAL_OUTPUT';

FROM
covid_db.covid_ds_partitioned
INSERT INTO TABLE covid_db.covid_final_output PARTITION(COUNTRY_NAME)
SELECT Country,Rank_by_Testing_rate,Rank_by_Death_rate,Country
WHERE  Country is not null;
```