ACCESS CONTROL

USER CREATION

create user 'gayathri' identified by 'welcome123'; create user 'keerthana' identified by 'welcome123'; create user 'deepasha' identified by 'welcome123';

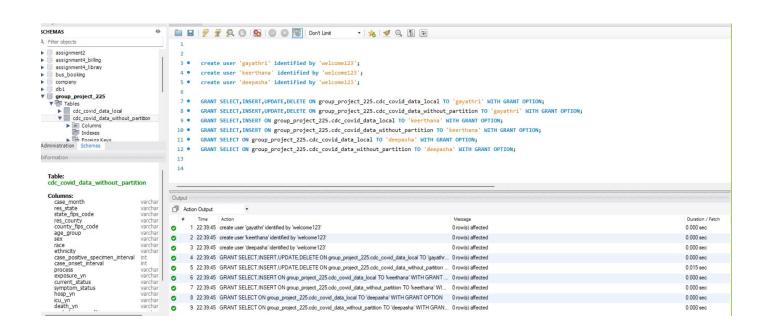
GRANT SELECT, INSERT, UPDATE, DELETE ON group_project_225.cdc_covid_data_local TO 'gayathri' WITH GRANT OPTION;

GRANT SELECT,INSERT,UPDATE,DELETE ON group_project_225.cdc_covid_data_without_partition TO 'gayathri' WITH GRANT OPTION;

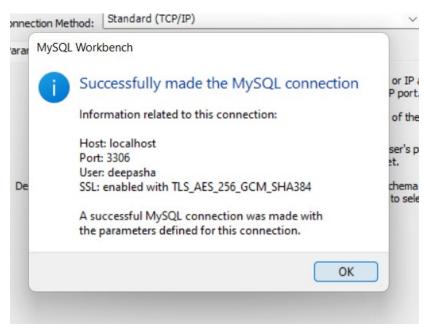
GRANT SELECT,INSERT ON group_project_225.cdc_covid_data_local TO 'keerthana' WITH GRANT OPTION;

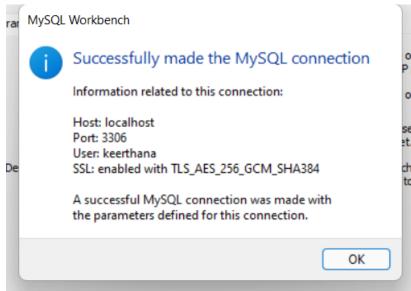
GRANT SELECT, INSERT ON group_project_225.cdc_covid_data_without_partition TO 'keerthana' WITH GRANT OPTION;

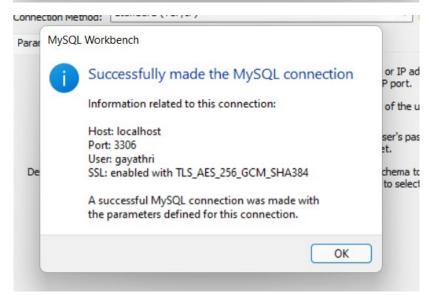
GRANT SELECT ON group_project_225.cdc_covid_data_local TO 'deepasha' WITH GRANT OPTION;
GRANT SELECT ON group_project_225.cdc_covid_data_without_partition TO 'deepasha' WITH GRANT
OPTION;



USERS CREATED:





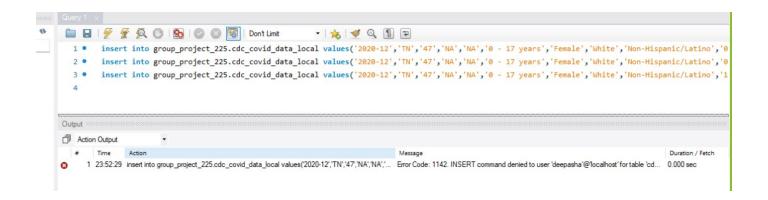


TESTING PERMISSIONS OF USER DEEPASHA (READ -ONLY)

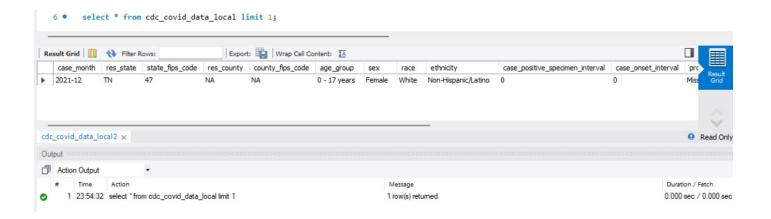
insert into group_project_225.cdc_covid_data_local values('2020-12','TN','47','NA','NA','0 - 17 years','Female','White','Non-Hispanic/Latino','0','','Missing','Missing','Laboratory-confirmed case','Unknown','Missing','Missing','Missing','');

insert into group_project_225.cdc_covid_data_local values('2020-12','TN','47','NA','NA','0 - 17 years','Female','White','Non-Hispanic/Latino','0','0','Missing','Missing','Laboratory-confirmed case','Symptomatic','No','Missing','Missing','');

insert into group_project_225.cdc_covid_data_local values('2020-12','TN','47','NA','NA','0 - 17 years','Female','White','Non-Hispanic/Latino','1','0','Missing','Missing','Probable Case','Symptomatic','No','Missing','Missing','');



select * from cdc covid data local limit 1;



Since only read permissions were given to the user deepsha, insert action is denied.

TESTING PERMISSIONS OF USER KEERTHANA (RESTRICTED READ WRITE) INSERT:

insert into group_project_225.cdc_covid_data_local values('2020-12','TN','47','NA','NA','0 - 17 years','Female','White',

'Non-Hispanic/Latino','1','0','Missing','Missing','Probable Case','Symptomatic','No','Missing','Missing',");



DELETE:

delete from group_project_225.cdc_covid_data_local where case_month='2020-12'



Since only restricted read write permissions were given to the user kerrthana, delete is denied.

TESTING PERMISSIONS OF USER GAYATHRI (ADMIN – FULL PERMISSIONS) INSERT:

insert into group_project_225.cdc_covid_data_local values('2020-12','TX','47','NA','NA','0 - 17 years','Female','White','Non-Hispanic/Latino','0','0','Missing','Missing','Laboratory-confirmed case','Symptomatic','No','Missing','Missing','');



UPDATE:

```
SET SQL_SAFE_UPDATES = 0;
update group_project_225.cdc_covid_data_local
set sex = 'male'
where case_month = '2020-12';
```

```
Duration / Fetch

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```

DELETE:

delete from group_project_225.cdc_covid_data_local where case_month='2020-12'



<end of document>

Submitted by: Gayathri Sundareshwar, Gayathri Sundareshwar, Deepasha Jenamani