Sorry the project is incomplete because in my hive date datatype is not being accepted as it throws null values.

I tried to use python udf to convert datatype from string to date but python file is also not running in hive.

This is the reason I can’t create partitioned table.

When the cloud platform of all softwares is up on ineuron dashboard then I will complete this project.

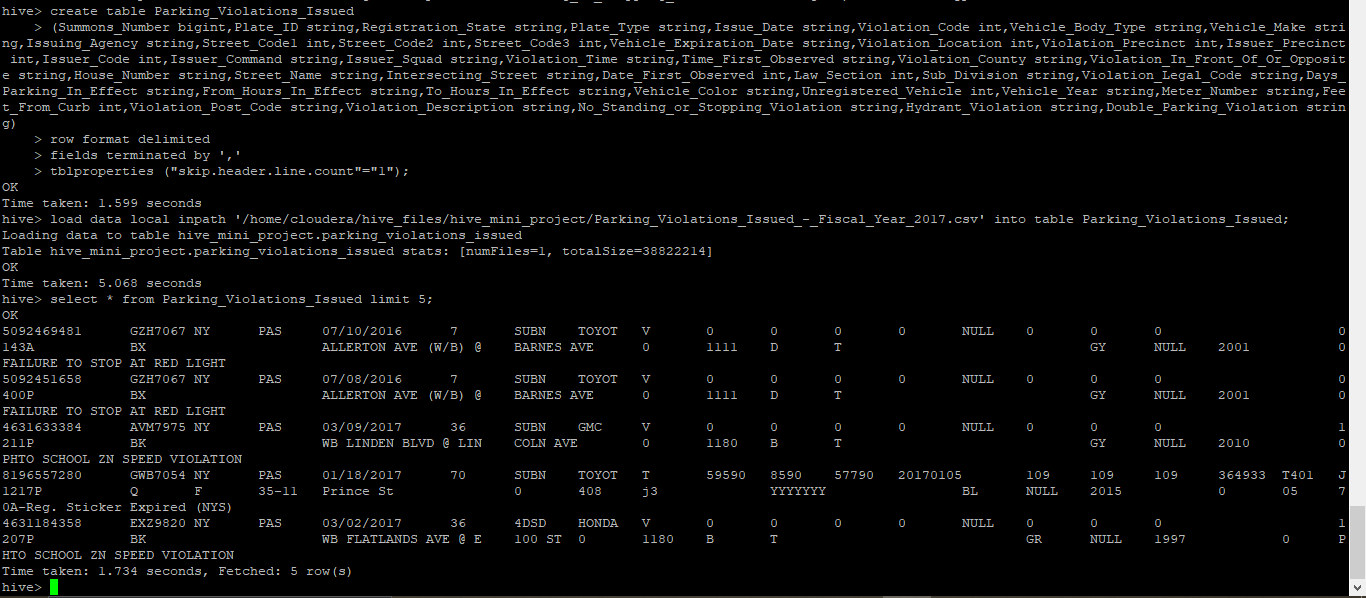
create table Parking\_Violations\_Issued

(Summons\_Number bigint,Plate\_ID string,Registration\_State string,Plate\_Type string,Issue\_Date string,Violation\_Code int,Vehicle\_Body\_Type string,Vehicle\_Make string,Issuing\_Agency string,Street\_Code1 int,Street\_Code2 int,Street\_Code3 int,Vehicle\_Expiration\_Date string,Violation\_Location int,Violation\_Precinct int,Issuer\_Precinct int,Issuer\_Code int,Issuer\_Command string,Issuer\_Squad string,Violation\_Time string,Time\_First\_Observed string,Violation\_County string,Violation\_In\_Front\_Of\_Or\_Opposite string,House\_Number string,Street\_Name string,Intersecting\_Street string,Date\_First\_Observed int,Law\_Section int,Sub\_Division string,Violation\_Legal\_Code string,Days\_Parking\_In\_Effect string,From\_Hours\_In\_Effect string,To\_Hours\_In\_Effect string,Vehicle\_Color string,Unregistered\_Vehicle int,Vehicle\_Year string,Meter\_Number string,Feet\_From\_Curb int,Violation\_Post\_Code string,Violation\_Description string,No\_Standing\_or\_Stopping\_Violation string,Hydrant\_Violation string,Double\_Parking\_Violation string)

row format delimited

fields terminated by ','

tblproperties ("skip.header.line.count"="1");



create table Parking\_Violations\_Issued\_2017

(Summons\_Number bigint,Plate\_ID string,Registration\_State string,Plate\_Type string,Issue\_Date string,Violation\_Code int,Vehicle\_Body\_Type string,Vehicle\_Make string,Issuing\_Agency string,Street\_Code1 int,Street\_Code2 int,Street\_Code3 int,Vehicle\_Expiration\_Date string,Violation\_Location int,Violation\_Precinct int,Issuer\_Precinct int,Issuer\_Code int,Issuer\_Command string,Issuer\_Squad string,Violation\_Time string,Time\_First\_Observed string,Violation\_In\_Front\_Of\_Or\_Opposite string,House\_Number string,Street\_Name string,Intersecting\_Street string,Date\_First\_Observed int,Law\_Section int,Sub\_Division string,Violation\_Legal\_Code string,Days\_Parking\_In\_Effect string,From\_Hours\_In\_Effect string,To\_Hours\_In\_Effect string,Vehicle\_Color string,Unregistered\_Vehicle int,Vehicle\_Year string,Meter\_Number string,Feet\_From\_Curb int,Violation\_Post\_Code string,Violation\_Description string,No\_Standing\_or\_Stopping\_Violation string,Hydrant\_Violation string,Double\_Parking\_Violation string)

partitioned by (Violation\_County string)

clustered by (Violation\_Code)

sorted by (Violation\_Code) into 8 buckets;

insert into Parking\_Violations\_Issued\_2017 partition(Violation\_County) select Summons\_Number,Plate\_ID,Registration\_State,Plate\_Type,Issue\_Date,Violation\_Code,Vehicle\_Body\_Type,Vehicle\_Make,Issuing\_Agency,Street\_Code1,Street\_Code2,Street\_Code3,Vehicle\_Expiration\_Date,Violation\_Location,Violation\_Precinct,Issuer\_Precinct,Issuer\_Code,Issuer\_Command,Issuer\_Squad,Violation\_Time,Time\_First\_Observed,Violation\_In\_Front\_Of\_Or\_Opposite,House\_Number,Street\_Name,Intersecting\_Street,Date\_First\_Observed,Law\_Section,Sub\_Division,Violation\_Legal\_Code,Days\_Parking\_In\_Effect,From\_Hours\_In\_Effect,To\_Hours\_In\_Effect,Vehicle\_Color,Unregistered\_Vehicle,Vehicle\_Year,Meter\_Number,Feet\_From\_Curb,Violation\_Post\_Code,Violation\_Description,No\_Standing\_or\_Stopping\_Violation,Hydrant\_Violation,Double\_Parking\_Violation,Violation\_County from Parking\_Violations\_Issued where (Issue\_Date)= '2017';