



# **Create Hive-Managed Tables**

1. Command to create database:

```
create database if not exists cab_rides_data;
```

2. Command to use the created database:

```
use cab_rides_data;
```

3. Command to create clickStreamData table and load data from HDFS:

```
create table if not exists clickStreamData(
customer id int,
app version string,
os_version string,
lat double,
lon double,
page_id string,
button_id string,
is_button_click string,
is_page_view string,
is scroll up string,
is_scroll_down string,
`timestamp` timestamp)
row format delimited fields terminated by ',' lines
terminated by '\n' stored as textfile
tblproperties("skip.header.line.count"="1");
```

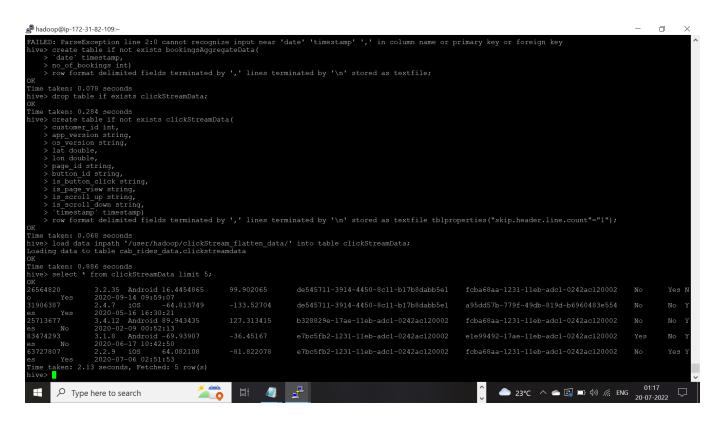
#### Command to load data from HDFS to clickStreamData table:

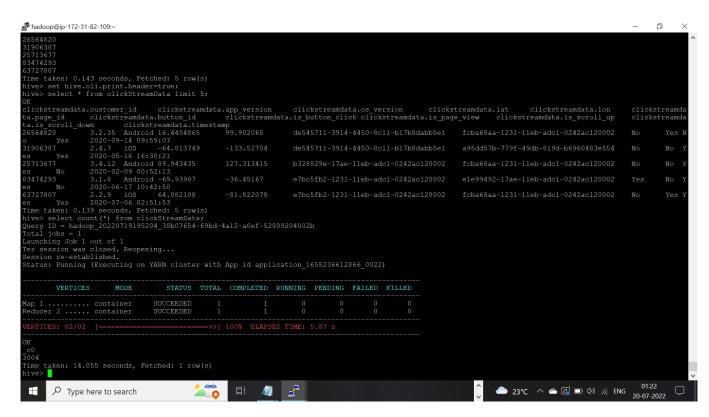
```
load data inpath '/user/hadoop/clickStream_flatten_data/' into
table clickStreamData;
```





## Screenshot of the loaded data in clickStreamData table:









## 4. Command to create bookingsData table and load data from HDFS:

```
create table if not exists bookingsData(
booking_id string,
customer_id int,
driver id int,
customer_app_version string,
customer_phone_os_version string,
pickup_lat double,
pickup_lon double,
drop_lat double,
drop_lon double,
pickup_timestamp timestamp,
drop_timestamp timestamp,
trip fare double,
tip_amount double,
currency_code string,
cab_color string,
cab registration no string,
customer_rating_by_driver int,
rating_by_customer int,
passenger_count int)
row format delimited fields terminated by ',' lines terminated
by '\n' stored as textfile;
```

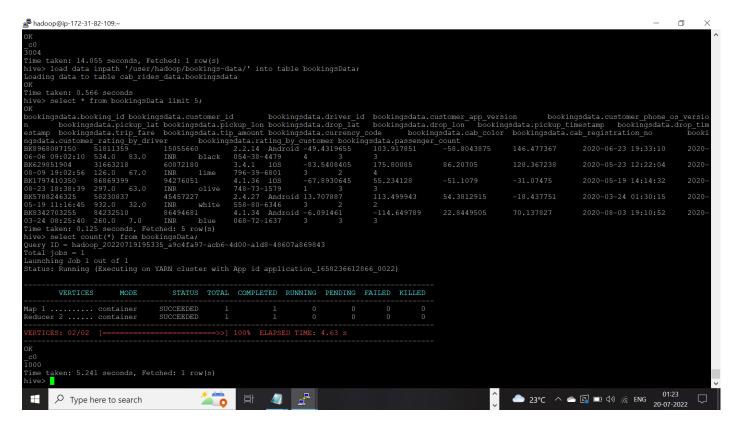
## Command to load the data into bookingsData table:

load data inpath '/user/hadoop/bookingsdata/' into table bookingsData;





## Screenshot of the loaded data into bookingsData table:



## 5. Command to create bookingsAggregateData and load data from HDFS:

I. In bookings\_aggregate\_data, we have date column with date as datatype. Hence to cast the column in date type, I have created a temporary table named as testAggregateData and loaded with data from HDFS:

## Command to create testAggregateData table:

## Command to load data from HDFS to testAggregateData:

```
load data inpath '/user/hadoop/bookings_aggregate_data/'
into table testAggregateData;
```





```
# According 1/2-1-8-109-
Time taken; 0.065 seconds
hive \ 0.065 seconds
```

II. In the next step, I have created a table named as bookingsAggregateData to cast the column date into date datatype.

## Command to create bookingsAggregateData:

create table bookingsAggregateData as select
cast(`date` as date),no\_of\_bookings from
testAggregateData;

```
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