



# **Create Hive-Managed Tables**

#### <Command to create the Hive tables>

Before creating the hive tables, Follow the following commands:

Type Hive to get into Hive CLI Then Create a Database:

- → Create Database CabRideProject;
- → Use CabRideProject;

## 1. Creating the Hive table to store the Booking data

**>** 

```
CREATE TABLE IF NOT EXISTS Bookings
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 DECIMAL(10, 2),
tip_amount DECIMAL(10, 2),
currency_code STRING,
cab_color STRING,
cab_registration_no STRING,
customer_rating_by_driver INT,
rating_by_customer INT,
passenger_count INT
```

Screen shot of the table creation





```
The docydity-172-31-36-71.35 have
live Session ID = 4ecd7cfi-bfa2-4955-af4f-869c4bbaeel

Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j2.properties Async: true
hive CRAMEE TABLE TABLE
```

### 2. Creating table for storing then aggregated booking values [daywise]

**→** 

CREATE TABLE IF NOT EXISTS datewise\_total\_bookings ( pickup\_date DATE, total\_bookings INT );

### Screenshot for the same :

```
| The copy of the
```

#### 3. Creating table for storing data for the click stream

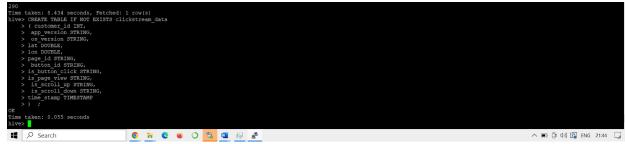
﴾

```
CREATE TABLE IF NOT EXISTS clickstream_data ( 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_page_view STRING, is_scroll_up STRING, is_scroll_down STRING, time_stamp TIMESTAMP );
```





Screenshot for the table creation command execution:



#### <Command to load the data into Hive tables>

Loading the data from hadoop to the hive tables;

 Uploading the data from hadoop to Hive table for storing the bookings data ingested from AWS RDS to hadoop using sqoop

**→** 

LOAD DATA INPATH '/user/root/bookings\_1/part-m-00000' OVERWRITE INTO TABLE Bookings

Screenshot for the running the same command and verifying the number of rows in the hive table



2. Uploading the data from hadoop to Hive table for the aggregated data created as a datewise aggregation of bookings

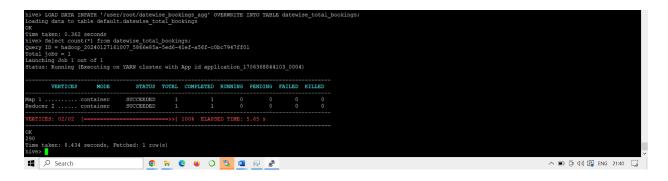
**→** 

LOAD DATA INPATH '/user/root/datewise\_bookings\_agg' OVERWRITE INTO TABLE datewise\_total\_bookings;

The image also contains verification of rows present in the hive table







- 3. Uploading the data form hadoop to hive -> This is for the data pulled form kafka and stored in the hadoop
  - **→**

LOAD DATA INPATH '/user/root/clickstream\_flattened' into table clickstream\_data;

Below image also holds the verification query to run the numbers of rows

