Create a database named 'custom'.

Create a table named temperature\_data inside custom having below fields:

1. date (mm-dd-yyyy) format

2. zip code

3. temperature

The table will be loaded from comma-delimited file.

Load the dataset.txt (which is ',' delimited) in the table.

Solution

1. Start the hadoop services
2. Start mysqld service as well and start the hive shell

[acadgild@localhost ~]$ sudo service mysqld start

Starting mysqld: [ OK ]

[acadgild@localhost ~]$ sudo service mysqld status

mysqld (pid 31775) is running...

[acadgild@localhost ~]$ hive

hive> CREATE DATABASE custom;

OK

Time taken: 0.618 seconds

hive>

hive> USE custom1;

hive> SHOW DATABASES;

OK

custom

default

Time taken: 0.057 seconds, Fetched: 2 row(s)

hive> SHOW TABLES;

OK

college

use

Time taken: 0.146 seconds, Fetched: 2 row(s)

hive>

hive> CREATE TABLE temperature\_data

> (

> full\_date STRING,

> zipcode INT,

> temperature INT

> )

> ROW FORMAT DELIMITED

> FIELDS TERMINATED BY ',';

OK

Time taken: 1.109 seconds

hive> SHOW TABLES;

OK

college

temperature\_data

use

Time taken: 0.052 seconds, Fetched: 3 row(s)

hive>

hive> LOAD DATA

> LOCAL INPATH '/home/acadgild/leena/ass/ass14-hive/hive1-dataset.txt'

> INTO TABLE temperature\_data;

Loading data to table custom1.temperature\_data

OK

Time taken: 1.613 seconds

hive>

hive> SELECT \* FROM custom1.temperature\_data;

OK

10-01-1990 123112 10

14-02-1991 283901 11

10-03-1990 381920 15

10-01-1991 302918 22

12-02-1990 384902 9

10-01-1991 123112 11

14-02-1990 283901 12

10-03-1991 381920 16

10-01-1990 302918 23

12-02-1991 384902 10

10-01-1993 123112 11

14-02-1994 283901 12

10-03-1993 381920 16

10-01-1994 302918 23

12-02-1991 384902 10

10-01-1991 123112 11

14-02-1990 283901 12

10-03-1991 381920 16

10-01-1990 302918 23

12-02-1991 384902 10

Time taken: 2.109 seconds, Fetched: 20 row(s)

hive>

hive (custom1)>

> DESCRIBE temperature\_data;

OK

full\_date string

zipcode int

temperature int

Time taken: 0.085 seconds, Fetched: 3 row(s)

hive (custom1)>