kinds of tables present in hive and the difference between them .

Two types of tables are there in Hive, Internal and External.

Internal table :

Internal tables are like normal database table where data can be stored and queried on. On dropping these tables the data stored in them also gets deleted and data is lost forever. So one should be careful while using internal tables as one drop command can destroy the whole data. Open new terminal and fire up hive by just typing hive.

Create table on weather data :

ROW FORMAT should have delimiters used to terminate the fields and lines like in the above example the fields are terminated with comma (“,”). The default location of Hive table is overwritten by using LOCATION.

Load the Data in Table :

Data can be loaded in two ways in Hive either from local file or from HDFS to Hive.

External Tables :

Creating external table

Open new terminal and fire up hive by just typing hive. Create table on weather data.

ROW FORMAT should have delimiters used to terminate the fields and lines like in the above example the fields are terminated with comma (“,”).

The default location of Hive table is overwritten by using LOCATION. So the data now is stored in data/ folder inside hive.

Load the data in table

Load the data from HDFS to Hive using following command:

load data in path 'Hdfs:/data/2012.txt' into table weather;