

## Creating External table

- Create an HDFS directory outside the Hive metastore where the data file will be stored.
  - **hdfs dfs -mkdir hive\_ext**
- Load data into the HDFS directory -
  - **hdfs dfs -put /home/itv180149/Hive/Basic\_Commands/employees.txt  
hive\_ext\_demo**
- Create external table -
  - **create external table emp\_ext(emp\_id int, name map<string, string>, info  
struct<birth\_date: date, gender: string>, job struct<hire\_date: date,  
dept\_no: string, dept\_name: string, salary: int>, dept\_history  
array<string>)  
comment 'External employees table'  
row format delimited  
fields terminated by '  
collection items terminated by '\$'  
map keys terminated by ':'  
location "/user/itv180149/hive\_ext";**
- Mandatory fields for creating external table -
  - **EXTERNAL TABLE** - command to create an external table
  - **LOCATION** - command specifies the location of external table data
- No directory created for external table data in Hive warehouse -
  - Only metadata is stored.
  - **hdfs dfs -ls /user/itv180149/warehouse/demo\_01.db**