

Customizing SerDes

- To read TSV data, we can make some changes to the CSV serde and use that serde.
- So, we have the **with serdeproperties** option that allows us to define properties which will be passed to the SerDe.
- Using that we can say that instead of using comma as a separator, we want to use the tab as a separator. And rest of the properties remain same -
 - **create table hospital_tsv(Hospital_Code int, Hospital_Type_Code char(1), City_Code_Hospital int, Hospital_Region_Code char(1), Address string)
row format serde 'org.apache.hadoop.hive.serde2.OpenCSVSerde'
WITH SERDEPROPERTIES ("separatorChar" = '\t', "quoteChar" = "",
"escapeChar" = '\\')
stored as textfile;**
- Put file to HDFS -
 - **hdfs dfs -put /home/itv180149/Hive/File_Formats/hospital.tsv
/user/itv180149**
- Load data into Hive table -
 - **load data inpath "/user/itv180149/hospital.tsv" into table hospital_tsv;**
- Read the data -
 - **select * from hospital_tsv limit 2;**