**UseCase:**

**Transformed the data inside pig and load into Hbase table and then using Hive you need to access the data.**

**PIG-HBASE INTEGRATION:**

Note: Before doing this. You need to copy all jar files from HBase lib folder into pig lib folder and Hive lib folder respectively including zookeeper jars as well.

Pig load: First we need to create the Hbase table with required column family.

For this example:

Create table : hbase\_hivepig and then add column family 'cf'

>> create 'hbase\_hivepig','cf'

raw\_data = LOAD  ' /Batch1/emptest.txt' USING PigStorage(',') AS ( id:chararray,name:chararray,dept:chararray);

STORE  raw\_data  INTO  'hbase\_hivepig' USING org.apache.pig.backend.hadoop.hbase.HBaseStorage('cf:name cf:dept');

**HIVE-HBASE Integrtion:**

CREATE EXTERNAL TABLE hive\_hbase\_load(id int, name string, dept string)

STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'

WITH SERDEPROPERTIES ("hbase.columns.mapping" = ":key,cf:name,cf:dept")

TBLPROPERTIES ("[hbase.table.name](http://hbase.table.name/)" = "hbase\_hivepig");