**SECTION 5 : USER DEFINED FUNCTIONS (UDF)**

PYTHON SCRIPT

**import sys**

**try :**

**for line in sys.stdin:**

**(name,attack,defense) = line.split('\t')**

**if(attack > defense):**

**print name+"\t"+"TRUE"**

**except ValueError:**

**print("Could not split line: %s",line)**

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SIMULATION

**hive -e 'SELECT name,attack,defense from poke;'>sample.txt**

**cat sample.txt|python pythUDF.py|head -n 10**

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FINAL

**add file pythUDF.py;** OR **add file /home/cloudera/pythUDF.py;**

*Added resources: [pythUDF.py]*

**select transform(name,attack,defense) using 'python pythUDF.py' as Name,Attck\_Pokemon from poke;**

*Time taken: 35.648 seconds, Fetched: 378 row(s)*

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