Pokemon problem

pig –x mapreduce

REGISTER '/home/acadgild/pig-0.16.0/lib/piggybank.jar';

Load the hdfs file

A = LOAD 'ass-hdfs/Pokemon.csv' USING org.apache.pig.piggybank.storage.CSVExcelStorage(',','NO\_MULTILINE','UNIX','SKIP\_INPUT\_HEADER') AS (Sno:int,Name:chararray,Type1:chararray,Type2:chararray,Total:int,HP:int,Attack:int,Defense:int,SpAtk:int,SpDef:int,Speed:int);

Where defence>55

defenseMorethan55 = FILTER A BY Defense > 55;

Just to know how many

BB = GROUP defenseMorethan55 All;

count = foreach BB GENERATE COUNT(defenseMorethan55.Defense);

(544)

Make two lists in desc order using random

grunt> randomA = FOREACH defenseMorethan55 GENERATE RANDOM(),Name,Type1,Type2,Total,HP,Attack,Defense,SpAtk,SpDef,Speed;

grunt> randomB = FOREACH defenseMorethan55 GENERATE RANDOM(),Name,Type1,Type2,Total,HP,Attack,Defense,SpAtk,SpDef,Speed;

grunt>

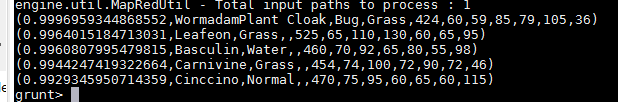
grunt> rA = ORDER randomA BY $0 DESC;

grunt> rB = ORDER randomB BY $0 DESC;

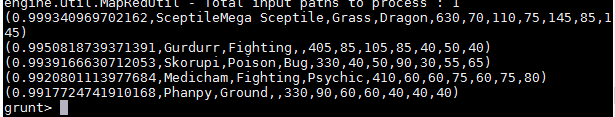
grunt> TeamA = LIMIT rA 5;

grunt> TeamB = LIMIT rB 5;

DUMP TeamA;



DUMP TeamB;



grunt> STORE TeamA INTO 'ass-hdfs/TeamA';

grunt> STORE TeamB INTO 'ass-hdfs/TeamB';

[acadgild@localhost ~]$ hadoop fs -ls ass-hdfs

Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.

It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.

17/07/02 09:30:48 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 3 items

-rw-r--r-- 1 acadgild supergroup 37792 2017-07-02 05:50 ass-hdfs/Pokemon.csv

drwxr-xr-x - acadgild supergroup 0 2017-07-02 09:23 ass-hdfs/TeamA

drwxr-xr-x - acadgild supergroup 0 2017-07-02 09:29 ass-hdfs/TeamB

[acadgild@localhost ~]$

[acadgild@localhost ~]$ hadoop fs -cat ass-hdfs/TeamA/part-r-00000

Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.

It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.

17/07/02 09:27:57 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

0.9982041555237324 Jumpluff Grass Flying 460 75 55 70 55 95 110

0.9981902379090135 Lickitung Normal 385 90 55 75 60 75 30

0.9976560029334056 Mr. Mime Psychic Fairy 460 40 45 65 100 120 90

0.9960185727599168 Rhydon Ground Rock 485 105 130 12045 45 40

0.9933630114293553 BlastoiseMega Blastoise Water 630 79 103 120 135 115 78

[acadgild@localhost ~]$

[acadgild@localhost ~]$ hadoop fs -cat ass-hdfs/TeamB/part-r-00000

Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.

It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.

17/07/02 09:32:12 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

0.9985227925929517 Gardevoir Psychic Fairy 518 68 65 65 125 115 80

0.9945484745606148 MeowsticFemale Psychic 466 74 48 76 83 81 104

0.9924886005945508 Pawniard Dark Steel 340 45 85 70 40 40 60

0.9919098662183342 Sudowoodo Rock 410 70 100115 30 65 30

0.9904446106330722 Metang Steel Psychic 420 60 75 10055 80 50

[acadgild@localhost ~]$