Q3 Top ten origins with the highest Average departure delay

A = load '/user/tmp/DelayedFlights.csv' USING  org.apache.pig.piggybank.storage.CSVExcelStorage(',','NO\_MULTILINE','UNIX','SKIP\_INPUT\_HEADER');

B1 = foreach A generate (int)$16 as dep\_delay, (chararray)$17 as origin;

C1 = filter B1 by (dep\_delay is not null) AND (origin is not null);

D1 = group C1 by origin;

E1 = foreach D1 generate group, AVG(C1.dep\_delay);

Result = order E1 by $1 DESC;

Top\_ten = limit Result 10;

Lookup = load '/user/tmp/DelayedFlights.csv' USING  org.apache.pig.piggybank.storage.CSVExcelStorage(',','NO\_MULTILINE','UNIX','SKIP\_INPUT\_HEADER');

Lookup1 = foreach Lookup generate (chararray)$0 as origin, (chararray)$2 as city, (chararray)$4 as country;

Joined = join Lookup1 by origin, Top\_ten by $0;

Final = foreach Joined generate $0,$1,$2,$4;

Final\_Result = ORDER Final by $3 DESC;

dump Final\_Result;