steps

0. load the data into 3 bags

1. create 3 column bag out of each bag

cat id, name, yearly sales

foreach bag1 generate $0, $1, ($2+$3+$4...+$13)

2. join all the 3 bags into one bag - using $0

9 column structure -> 5 column

cat id, name, 2000tot, 2001tot, 2002tot

foreach bagname generate $0, $1, $2, $3, $4,(),()

find the growth cycles for 2000 to 2001 and 2001 to 2002

growth% = (second yr sales - first yr sales )/first yr sales \* 100

from 5 col -> 7 col with 2 growth cycles

avg growth = (grwth1 + growth2)/2

then add one more col - avg growth -> 8 col bag

filter the data on 8th col

first filter the data > 10

then filter the data < -5

dump the output

avggrowth = foreach join7col generate $0, $1, $2,$3,$4,$5,$6, ($5+$6)/2 as avggrowth;