## Analysis 11 - Percent Increase/Decrease in Netflix Data wrt release year 2000

## *Group Netflix\_data by release year*

years = GROUP netflix\_data BY release\_year;

## *Generate Year and Total number of Movies/TV shows for each year*

year\_count = FOREACH years GENERATE $0 as year, COUNT($1) as total;

## *Get the Total number of Movies/TV shows for year 2000*

Old\_cnt = Filter year\_count By year == 2000;

Count\_2000 = foreach old\_cnt generate $1 as total\_2000;

## *Cross year\_count and count\_2000 so count\_2000 is included in the generated variable*

cross\_data = CROSS year\_count, count\_2000;

## *Calculate the percent increase/decrease for each year*

per\_data = foreach cross\_data generate year, total, ((float)(total-total\_2000)/total\_2000)\*100 AS PERCENTAGE\_CHANGE\_FROM\_2000;