|  |
| --- |
|  |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | year2000 =load '/home/sowmya/Downloads/2000.txt' using PigStorage(',') as (cat\_id,cat\_name,jan:double,feb:double,mar:double,april:double,may:double,jun:double,july:double,aug:double,sept:double,oct:double,nov:double,dec:double); | |  |  | |  | year2001 =load '/home/sowmya/Downloads/2001.txt' using PigStorage(',') as (cat\_id,cat\_name,jan:double,feb:double,mar:double,april:double,may:double,jun:double,july:double,aug:double,sept:double,oct:double,nov:double,dec:double); | |  |  | |  | year2002 =load '/home/sowmya/Downloads/2002.txt' using PigStorage(',') as (cat\_id,cat\_name,jan:double,feb:double,mar:double,april:double,may:double,jun:double,july:double,aug:double,sept:double,oct:double,nov:double,dec:double); | |  |  | |  | sale2000 =foreach year2000 generate $0,$1,($2+$3+$4+$5+$6+$7+$8+$9+$10+$11+$12+$13) as sale; | |  |  | |  | sale2001 =foreach year2001 generate $0,$1,($2+$3+$4+$5+$6+$7+$8+$9+$10+$11+$12+$13) as sale; | |  |  | |  | sale2002 =foreach year2002 generate $0,$1,($2+$3+$4+$5+$6+$7+$8+$9+$10+$11+$12+$13) as sale; | |  |  | |  | saledata = join sale2000 by cat\_id,sale2001 by cat\_id,sale2002 by cat\_id; | |  |  | |  | yearwisesale = foreach saledata generate $0,$1,$2,$5,$8; | |  |  | |  | cycles = foreach yearwisesale generate $0,$1,ROUND\_TO((($3-$2)\*100/$2),2) as cycle1,ROUND\_TO((($4-$3)\*100/$3),2) as cycle2 ; | |  |  | |  | avggrowth = foreach cycles generate $0,$1, (($2+$3)/2) as avg\_growth; | |  |  | |  | more10avg = filter avggrowth by $2>=10; | |  |  | |  | dump more10avg; | |  |  | |  | lessavg = filter avggrowth by $2 <0; | |  |  | |  | drop5avg = filter lessavg by $2 < -5; | |  |  | |  | dump drop5avg; | |  |  | |  | totalsale= foreach yearwisesale generate $0,$1,($2+$3+$4) as total; | |  | describe totalsale; | |  |  | |  | descendingtotal = order totalsale by $2 desc; | |  |  | |  | top5 =limit descendingtotal 5; | |  |  | |  | dump top5; | |  |  | |  | ascendingtotal = order totalsale by $2 ; | |  |  | |  | bottom5 = limit ascendingtotal 5; | |  |  | |  | dump bottom5; | | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |  |  | |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |