

UNIVERSIDAD REGIONAL AMAZONICA IKIAM

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Preparación.

```
Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMAR
$ ls
AgGCN1.0_properties.csv

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMAR
$ cp AgGCN1.0_properties.csv ../OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMAR
$ ls
AgGCN1.0_properties.csv

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMAR
$ cd ../OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ ls
AgGCN1.0_properties.csv
```

Selección.

```
Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ ls
AgGCN1.0_properties.csv  EigenBetw.tsv

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv > EigenBetw.tsv

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ !
```

BASH SCRIPT 1

```
Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ nano tc2_CaizaOmar.sh

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ bash tc2_CaizaOmar.sh
Mostrar las 7 primeras filas
id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05
AGAP000005,0.013750498,0.000171241
AGAP000007,7.90E-06,0
AGAP000008,0.000383447,1.22E-06
AGAP000009,0.013802427,0.000654142
AGAP000010,0.000101576,0

Mostrar las 5 ultimas filas
AGAP029781,0.000987921,1.49E-05
AGAP029784,3.45E-05,0.000155039
AGAP029786,0.000146935,5.04E-05
AGAP029787,9.99E-06,1.22E-07
AGAP029789,0.001757408,0.001160083

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ |
```

BASH SCRIPT 2

```
Mostrar las 5 ultimas filas
AGAP029781,0.000987921,1.49E-05
AGAP029784,3.45E-05,0.000155039
AGAP029786,0.000146935,5.04E-05
AGAP029787,9.99E-06,1.22E-07
AGAP029789,0.001757408,0.001160083

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ nano tc2_CaizaOmar2.sh

Usuario@DESKTOP-1101EGH MINGW64 ~/Documents/OMARALEXANDERCAIZAPANELUISA/tc2_CaizaOmar
$ cat EigenBetw5.csv
AGAP000532,4.28E-05,0
AGAP000533,1.25E-07,0
AGAP000534,9.36E-06,0
AGAP000536,9.76E-05,0
AGAP000543,0.000142461,0
AGAP000550,1.50E-06,0
AGAP000551,1.27E-06,0
AGAP000558,3.46E-05,0
AGAP000560,0.000100747,0
AGAP000570,3.49E-06,0
AGAP000574,1.09E-06,0
AGAP000577,0.001109648,0
AGAP000588,1.13E-06,0
AGAP000591,1.43E-05,0
AGAP005011,0.000106172,0
AGAP005028,1.16E-05,0
AGAP005032,5.19E-06,0
AGAP005033,8.28E-06,0
AGAP005038,0.000428956,0
AGAP005060,0.000108,0
AGAP005063,0.001451205,0
AGAP005092,1.15E-06,0
AGAP005094,1.02E-06,0
AGAP005098,0.000144312,0
AGAP005121,0.00016609,0
AGAP005124,0.000266477,0
AGAP005132,0.000182912,0
AGAP005133,2.19E-05,0
AGAP005141,1.34E-05,0
AGAP005153,1.22E-07,0
AGAP005158,5.84E-05,0
```