

Nombre: Odalis Mestanza

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WC@DESKTOP-PLU1BNK MINGW64 ~
$ cd Documents

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents
$ ls
'ASISTENCIA 2022 - 2023 SEP.xlsx'
'Absorción atómica - instrumentación.docx'
'Actividad_en_clases_Git_Bash_Paúl_Alvarado_Odalis_Mestanza.pdf'
'BIOTECH - INGLES.docx'
'Bases del concurso del logotipo Vivamos el Patrimonio Cultural.pdf'
CSB-master/
CSB-master.zip
'Ciclo de la Urea - letra de la canción.docx'
'Comercio en Iquitos durante la época cauchera - Bryan Chalacan.docx'
'Diapo mami.pptx'
'EQUINACEA.docx'
'Emisión atómica.docx'
'FROTIS DE SANGRE PERIFÉRICA.pdf'
Fax/
'Horario de clases.xlsx'
'INFORME 1 LAB ANALITICA.docx'
'Informe de laboratorio 1 - Química Analítica.pdf'
'Metodología 4.docx'
'Mi música'@
'Mis imágenes'@
'Mis vídeos'@
'POR SI A CASO XD.docx'
'Plantillas personalizadas de Office'/
'QUIZ 04 - Odalis Mestanza.pdf'
'RÚBRICA PARA EVALUAR LOGOTIPO.docx'
'Scanned Documents'/
'TABLA SAN SALVADOR.docx'
'Turno cédula'
Zoom/
analítica.docx
desktop.ini
'notas balance.docx'
tc2_MestanzaOdalis/

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents
$ cd tc2_MestanzaOdalis

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ ls
AgGCN1.0_properties.csv  EigenBetw.tsv  tc2_MestanzaOdalis.sh

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ rm tc2_MestanzaOdalis.sh
```

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WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv >> EigenBetw.ts

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ ls
AgGCN1.0_properties.csv  EigenBetw.tsv

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ head -n 10 EigenBetw.tsv
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
AGAP000011,0.028812269,7.34E-05
AGAP000012,0.000156442,4.72E-05
AGAP000013,0.002796483,0.000830249

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ nano tc2_MestanzaOdalis.sh

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ bash tc2_MestanzaOdalis.sh
7 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

5 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

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ nano tc2_MestanzaOdalis2.tsv
```

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WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ nano tc2_MestanzaOdalis.sh

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ bash tc2_MestanzaOdalis.sh
7 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

5 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

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ cat tc2_MestanzaOdalis.sh
echo "7 filas"
head -n 7 EigenBetw.tsv
echo -e "\n"
echo "5 filas"
tail -n 5 EigenBetw.tsv
```

```
WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ cat tc2_MestanzaOdalis.sh
echo "7 filas"
head -n 7 EigenBetw.tsv
echo -e "\n"
echo "5 filas"
tail -n 5 EigenBetw.tsv

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ bash tc2_MestanzaOdalis_2.sh

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ ls
AgGCN1.0_properties.csv  EigenBetw5.csv          tc2_MestanzaOdalis_2.sh
EigenBetw.tsv           tc2_MestanzaOdalis.sh

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ cat tc2_MestanzaOdalis_2.sh
cut -d "," -f 1,3 EigenBetw.tsv | tr "," " " | sort -r -k 2 | cut -d " " -f 1 |
grep '5$' >> EigenBetw5.csv
```

```
WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ head tc2_MestanzaOdalis_2.sh
cut -d "," -f 1,3 EigenBetw.tsv | tr "," " " | sort -r -k 2 | cut -d " " -f 1 |
grep '5$' >> EigenBetw5.csv

WC@DESKTOP-PLU1BNK MINGW64 ~/Documents/tc2_MestanzaOdalis
$ head EigenBetw5.csv|
AGAP011165
AGAP011165
AGAP005775
AGAP005775
AGAP008635
AGAP008635
AGAP001035
AGAP001035
AGAP001825
AGAP001825
```