

Instituto Tecnológico y de Estudios Superiores de Monterrey
Campus Querétaro



Google Colab

Herramientas computacionales: el arte de la analítica (Gpo 201)

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```
[6] #Montar nuestro Google Drive en el entorno de Google Colab
from google.colab import drive
drive.mount('/gdrive')

Mounted at /gdrive

[ ] %cd /gdrive/MyDrive

/gdrive/MyDrive

[ ] %ls

1/
'20 moments.slides'
'2. Lider.slides'
```

```
[ ] %mkdir SemanaTec
```

```
[ ] %cd /gdrive/MyDrive/SemanaTec
```

```
/gdrive/MyDrive/SemanaTec
```

```
[ ] # Vamos a importar el archivo y leer los contenidos.
import json
```

```
# Lectura del archivo
```

```
with open('credenciales.json', 'r') as myfile:
    data = myfile.read()
```

```
# Leer el formato del archivo
```

```
obj = json.loads(data)
```

```
# Vamos a guardar los datos en estas variables
```

```
GIT_USERNAME = obj['user']
```

```
# token
```

```
GIT_TOKEN = obj['token']
```

```
# Repo
```

```
GIT_REPO = obj['repo']
```

```
# Creamos la ruta al repositorio de nuestra cuenta
```

```
GIT_PATH = "https://" + GIT_USERNAME + ":" + GIT_TOKEN + "@github.com/" + \
GIT_USERNAME + "/" + GIT_REPO + ".git"
```

```
[ ] GIT_PATH

'https://ATG-5222:ghp_txTdy6exgixTPhPgcZPfpf3jAAYLLL1ZiAll@github.com/ATG-5222/Repositorio1.git'

[ ] !git clone https://github.com/ATG-5222/Repositorio1.git

Cloning into 'Repositorio1'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.

[8] %cd Repositorio1/

/drive/MyDrive/SemanaTec/Repositorio1

[9] %ls

README.md

[10] !git remote -v

origin https://github.com/ATG-5222/Repositorio1.git (fetch)
origin https://github.com/ATG-5222/Repositorio1.git (push)

[11] !git remote rename origin curso_fuente

[12] !git remote add origin "https://ATG-5222:ghp_txTdy6exgixTPhPgcZPfpf3jAAYLLL1ZiAll@github.com/ATG-5222/Repositorio1.git"

[13] !git remote -v

curso_fuente https://github.com/ATG-5222/Repositorio1.git (fetch)
curso_fuente https://github.com/ATG-5222/Repositorio1.git (push)
origin https://ATG-5222:ghp_txTdy6exgixTPhPgcZPfpf3jAAYLLL1ZiAll@github.com/ATG-5222/Repositorio1.git (fetch)
origin https://ATG-5222:ghp_txTdy6exgixTPhPgcZPfpf3jAAYLLL1ZiAll@github.com/ATG-5222/Repositorio1.git (push)
```

```
[14] !git config --global user.email "A01275222@tec.mx"

[15] !git config --global user.name "Aldo"

[16] !echo "Cambios en README - main" >> README.md

[17] !git add -A

[18] !git commit -m "Cambio de remote y nuevo README"

[main 6b1fe77] Cambio de remote y nuevo README
1 file changed, 1 insertion(+)
```

```
[19] !git status

On branch main
Your branch is ahead of 'curso_fuente/main' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean

!git push origin main

Counting objects: 3, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 305 bytes | 76.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ATG-5222/Repositorio1.git
ffe7a61..6b1fe77 main -> main
```

```
[25] git checkout -b dev
Switched to a new branch 'dev'


[26] echo "Cambios en README - dev" >> README.md


[27] git add -A


[28] git commit -m "Cambio en README dentro de la rama dev"
[dev bc9989ff] Cambio en README dentro de la rama dev
1 file changed, 1 insertion(+)


git push --set-upstream origin dev
Counting objects: 3, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 728 bytes | 97.80 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'dev' on GitHub by visiting:
remote:   https://github.com/ATG-5222/Repositorio1/pull/new/dev
remote:
To https://github.com/ATG-5222/Repositorio1.git
 * [new branch]      dev -> dev
Branch 'dev' set up to track remote branch 'dev' from 'origin'.
```


Carpetas


 1


 Actividad Eje Cálculo II...


 Archivos extras PSOC


 Audios


 Classroom


 Colab Notebooks


 El arte de emocionarte


 Fundamentación de la ...

 Guía

 Mate

 Proto 1

 SemanaTec

Nombre 

Mi unidad > SemanaTec ▾

Carpetas

 Repositorio1

Archivos


 credenciales.json

Mi unidad > SemanaTec > Repositorio1 ▾

Carpetas

 .git

Archivos


 README.md

