(base) PS C:\Users\USER> cd "C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller"

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git init

Reinitialized existing Git repository in C:/Users/USER/Downloads/Despliegue de Soluciones Analíticas/Semana 1/Taller/.git/

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git config -- global user . name ’your kman121’

error: no action specified

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git config -- global user . name ’kman121’

error: no action specified

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git config --global user.name "kman121"

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git config --global user.email "camiloandresfe@ufps.edu.co"

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git add app.py datos\_energia.csv

warning: in the working copy of 'app.py', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'datos\_energia.csv', LF will be replaced by CRLF the next time Git touches it

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git add assets / base.css assets / clinical-analytics.css

fatal: /: '/' is outside repository at 'C:/Users/USER/Downloads/Despliegue de Soluciones Analíticas/Semana 1/Taller'

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git add assets/base.css assets/clinical-analytics.css

warning: in the working copy of 'assets/base.css', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'assets/clinical-analytics.css', LF will be replaced by CRLF the next time Git touches it

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git commit -m "mi primer commit "

[master (root-commit) 1c72152] mi primer commit

4 files changed, 11473 insertions(+)

create mode 100644 app.py

create mode 100644 assets/base.css

create mode 100644 assets/clinical-analytics.css

create mode 100644 datos\_energia.csv

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> python app.py

Traceback (most recent call last):

File "C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller\app.py", line 1, in <module>

import dash

ModuleNotFoundError: No module named 'dash'

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> pip install dash plotly

Requirement already satisfied: dash in c:\users\user\anaconda3\lib\site-packages (3.2.0)

Requirement already satisfied: plotly in c:\users\user\anaconda3\lib\site-packages (5.24.1)

Requirement already satisfied: Flask<3.2,>=1.0.4 in c:\users\user\anaconda3\lib\site-packages (from dash) (3.0.3)

Requirement already satisfied: Werkzeug<3.2 in c:\users\user\anaconda3\lib\site-packages (from dash) (3.0.3)

Requirement already satisfied: importlib-metadata in c:\users\user\anaconda3\lib\site-packages (from dash) (7.0.1)

Requirement already satisfied: typing-extensions>=4.1.1 in c:\users\user\anaconda3\lib\site-packages (from dash) (4.11.0)

Requirement already satisfied: requests in c:\users\user\anaconda3\lib\site-packages (from dash) (2.32.3)

Requirement already satisfied: retrying in c:\users\user\anaconda3\lib\site-packages (from dash) (1.4.2)

Requirement already satisfied: nest-asyncio in c:\users\user\anaconda3\lib\site-packages (from dash) (1.6.0)

Requirement already satisfied: setuptools in c:\users\user\anaconda3\lib\site-packages (from dash) (80.9.0)

Requirement already satisfied: Jinja2>=3.1.2 in c:\users\user\anaconda3\lib\site-packages (from Flask<3.2,>=1.0.4->dash) (3.1.4)

Requirement already satisfied: itsdangerous>=2.1.2 in c:\users\user\anaconda3\lib\site-packages (from Flask<3.2,>=1.0.4->dash) (2.2.0)

Requirement already satisfied: click>=8.1.3 in c:\users\user\anaconda3\lib\site-packages (from Flask<3.2,>=1.0.4->dash) (8.1.7)

Requirement already satisfied: blinker>=1.6.2 in c:\users\user\anaconda3\lib\site-packages (from Flask<3.2,>=1.0.4->dash) (1.6.2)

Requirement already satisfied: MarkupSafe>=2.1.1 in c:\users\user\anaconda3\lib\site-packages (from Werkzeug<3.2->dash) (2.1.3)

Requirement already satisfied: tenacity>=6.2.0 in c:\users\user\anaconda3\lib\site-packages (from plotly) (8.2.3)

Requirement already satisfied: packaging in c:\users\user\anaconda3\lib\site-packages (from plotly) (24.1)

Requirement already satisfied: colorama in c:\users\user\anaconda3\lib\site-packages (from click>=8.1.3->Flask<3.2,>=1.0.4->dash) (0.4.6)

Requirement already satisfied: zipp>=0.5 in c:\users\user\anaconda3\lib\site-packages (from importlib-metadata->dash) (3.17.0)

Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\user\anaconda3\lib\site-packages (from requests->dash) (3.3.2)

Requirement already satisfied: idna<4,>=2.5 in c:\users\user\anaconda3\lib\site-packages (from requests->dash) (3.7)

Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\user\anaconda3\lib\site-packages (from requests->dash) (2.2.3)

Requirement already satisfied: certifi>=2017.4.17 in c:\users\user\anaconda3\lib\site-packages (from requests->dash) (2025.4.26)

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> python app.py

Traceback (most recent call last):

File "C:\Users\USER\anaconda3\Lib\site-packages\pandas\core\indexes\base.py", line 3805, in get\_loc

return self.\_engine.get\_loc(casted\_key)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "index.pyx", line 167, in pandas.\_libs.index.IndexEngine.get\_loc

File "index.pyx", line 196, in pandas.\_libs.index.IndexEngine.get\_loc

File "pandas\\\_libs\\hashtable\_class\_helper.pxi", line 7081, in pandas.\_libs.hashtable.PyObjectHashTable.get\_item

File "pandas\\\_libs\\hashtable\_class\_helper.pxi", line 7089, in pandas.\_libs.hashtable.PyObjectHashTable.get\_item

KeyError: 'Fecha'

The above exception was the direct cause of the following exception:

Traceback (most recent call last):

File "C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller\app.py", line 31, in <module>

data = load\_data()

^^^^^^^^^^^

File "C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller\app.py", line 25, in load\_data

df["Fecha"] = pd.to\_datetime(df["Fecha"])

~~^^^^^^^^^

File "C:\Users\USER\anaconda3\Lib\site-packages\pandas\core\frame.py", line 4102, in \_\_getitem\_\_

indexer = self.columns.get\_loc(key)

^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\USER\anaconda3\Lib\site-packages\pandas\core\indexes\base.py", line 3812, in get\_loc

raise KeyError(key) from err

KeyError: 'Fecha'

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> python app.py

Dash is running on http://127.0.0.1:8050/

\* Serving Flask app 'app'

\* Debug mode: on

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> ^C

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git add app.py

warning: in the working copy of 'app.py', LF will be replaced by CRLF the next time Git touches it

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git commit -m " nueva funcion para cargar datos "

[master fc9e5e6] nueva funcion para cargar datos

1 file changed, 6 insertions(+), 1 deletion(-)

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git log

commit fc9e5e67d437f566c7050045b41ed0ef0d1ff470 (HEAD -> master)

Author: kman121 <camiloandresfe@ufps.edu.co>

Date: Sun Oct 12 21:46:44 2025 -0500

nueva funcion para cargar datos

commit 1c7215238f409fabde5cc08aaf8cda0514bf6ee5

Author: kman121 <camiloandresfe@ufps.edu.co>

Date: Sun Oct 12 21:14:36 2025 -0500

mi primer commit

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git remote add origin URL

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git remote add origin https://github.com/kman121/taller\_despliegue.git

error: remote origin already exists.

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git remote add origine https://github.com/kman121/taller\_despliegue.git

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> git push origine master

info: please complete authentication in your browser...

Enumerating objects: 10, done.

Counting objects: 100% (10/10), done.

Delta compression using up to 8 threads

Compressing objects: 100% (10/10), done.

Writing objects: 100% (10/10), 63.12 KiB | 5.26 MiB/s, done.

Total 10 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/kman121/taller\_despliegue.git

\* [new branch] master -> master

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> ssh -i ".\lenizo.pem" ec2-user@54.147.148.190

The authenticity of host '54.147.148.190 (54.147.148.190)' can't be established.

ED25519 key fingerprint is SHA256:aBGH0zRluQc/RYeUf7j5k7zjgDaJ5UxzJc+2wgkOsnM.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added '54.147.148.190' (ED25519) to the list of known hosts.

, #\_

~\\_ ####\_ Amazon Linux 2023

~~ \\_#####\

~~ \###|

~~ \#/ \_\_\_ https://aws.amazon.com/linux/amazon-linux-2023

~~ V~' '->

~~~ /

~~.\_. \_/

\_/ \_/

\_/m/'

[ec2-user@ip-172-31-30-244 ~]$ sudo yum update -y

Amazon Linux 2023 Kernel Livepatch repository 232 kB/s | 26 kB 00:00

Dependencies resolved.

Nothing to do.

Complete!

[ec2-user@ip-172-31-30-244 ~]$ python3 -- version

python3: can't open file '/home/ec2-user/version': [Errno 2] No such file or directory

[ec2-user@ip-172-31-30-244 ~]$ sudo yum install python3 -pip

usage: yum install [-c [config file]] [-q] [-v] [--version] [--installroot [path]] [--nodocs] [--noplugins] [--enableplugin [plugin]]

[--disableplugin [plugin]] [--releasever RELEASEVER] [--setopt SETOPTS] [--skip-broken] [-h] [--allowerasing] [-b | --nobest] [-C]

[-R [minutes]] [-d [debug level]] [--debugsolver] [--showduplicates] [-e ERRORLEVEL] [--obsoletes] [--rpmverbosity [debug level name]]

[-y] [--assumeno] [--enablerepo [repo]] [--disablerepo [repo] | --repo [repo]] [--enable | --disable] [-x [package]]

[--disableexcludes [repo]] [--repofrompath [repo,path]] [--noautoremove] [--nogpgcheck] [--color COLOR] [--refresh] [-4] [-6]

[--destdir DESTDIR] [--downloadonly] [--comment COMMENT] [--bugfix] [--enhancement] [--newpackage] [--security] [--advisory ADVISORY]

[--bz BUGZILLA] [--cve CVES] [--sec-severity {Critical,Important,Moderate,Medium,Low}] [--forcearch ARCH]

PACKAGE [PACKAGE ...]

yum install: error: unrecognized arguments: -pip

[ec2-user@ip-172-31-30-244 ~]$ python3 --version

Python 3.9.23

[ec2-user@ip-172-31-30-244 ~]$ pip3 --version

-bash: pip3: command not found

[ec2-user@ip-172-31-30-244 ~]$ sudo dnf install -y python3-pip

Last metadata expiration check: 0:05:04 ago on Mon Oct 13 03:17:08 2025.

Dependencies resolved.

============================================================================================================================================================

Package Architecture Version Repository Size

============================================================================================================================================================

Installing:

python3-pip noarch 21.3.1-2.amzn2023.0.13 amazonlinux 1.8 M

Installing weak dependencies:

libxcrypt-compat x86\_64 4.4.33-7.amzn2023 amazonlinux 92 k

Transaction Summary

============================================================================================================================================================

Install 2 Packages

Total download size: 1.9 M

Installed size: 11 M

Downloading Packages:

(1/2): libxcrypt-compat-4.4.33-7.amzn2023.x86\_64.rpm 1.9 MB/s | 92 kB 00:00

(2/2): python3-pip-21.3.1-2.amzn2023.0.13.noarch.rpm 26 MB/s | 1.8 MB 00:00

------------------------------------------------------------------------------------------------------------------------------------------------------------

Total 20 MB/s | 1.9 MB 00:00

Running transaction check

Transaction check succeeded.

Running transaction test

Transaction test succeeded.

Running transaction

Preparing : 1/1

Installing : libxcrypt-compat-4.4.33-7.amzn2023.x86\_64 1/2

Installing : python3-pip-21.3.1-2.amzn2023.0.13.noarch 2/2

Running scriptlet: python3-pip-21.3.1-2.amzn2023.0.13.noarch 2/2

Verifying : libxcrypt-compat-4.4.33-7.amzn2023.x86\_64 1/2

Verifying : python3-pip-21.3.1-2.amzn2023.0.13.noarch 2/2

Installed:

libxcrypt-compat-4.4.33-7.amzn2023.x86\_64 python3-pip-21.3.1-2.amzn2023.0.13.noarch

Complete!

[ec2-user@ip-172-31-30-244 ~]$ pip3 --version

pip 21.3.1 from /usr/lib/python3.9/site-packages/pip (python 3.9)

[ec2-user@ip-172-31-30-244 ~]$ pandas --version

-bash: pandas: command not found

[ec2-user@ip-172-31-30-244 ~]$ pip3 install pandas

Defaulting to user installation because normal site-packages is not writeable

Collecting pandas

Downloading pandas-2.3.3-cp39-cp39-manylinux\_2\_24\_x86\_64.manylinux\_2\_28\_x86\_64.whl (12.8 MB)

|████████████████████████████████| 12.8 MB 16.8 MB/s

Requirement already satisfied: pytz>=2020.1 in /usr/lib/python3.9/site-packages (from pandas) (2022.7.1)

Collecting python-dateutil>=2.8.2

Downloading python\_dateutil-2.9.0.post0-py2.py3-none-any.whl (229 kB)

|████████████████████████████████| 229 kB 77.9 MB/s

Collecting tzdata>=2022.7

Downloading tzdata-2025.2-py2.py3-none-any.whl (347 kB)

|████████████████████████████████| 347 kB 81.5 MB/s

Collecting numpy>=1.22.4

Downloading numpy-2.0.2-cp39-cp39-manylinux\_2\_17\_x86\_64.manylinux2014\_x86\_64.whl (19.5 MB)

|████████████████████████████████| 19.5 MB 75.5 MB/s

Requirement already satisfied: six>=1.5 in /usr/lib/python3.9/site-packages (from python-dateutil>=2.8.2->pandas) (1.15.0)

Installing collected packages: tzdata, python-dateutil, numpy, pandas

ERROR: pip's dependency resolver does not currently take into account all the packages that are installed. This behaviour is the source of the following dependency conflicts.

awscli 2.30.4 requires python-dateutil<=2.9.0,>=2.1, but you have python-dateutil 2.9.0.post0 which is incompatible.

Successfully installed numpy-2.0.2 pandas-2.3.3 python-dateutil-2.9.0.post0 tzdata-2025.2

[ec2-user@ip-172-31-30-244 ~]$ pip3 install dash

Defaulting to user installation because normal site-packages is not writeable

Collecting dash

Downloading dash-3.2.0-py3-none-any.whl (7.9 MB)

|████████████████████████████████| 7.9 MB 21.8 MB/s

Collecting Werkzeug<3.2

Downloading werkzeug-3.1.3-py3-none-any.whl (224 kB)

|████████████████████████████████| 224 kB 79.4 MB/s

Collecting Flask<3.2,>=1.0.4

Downloading flask-3.1.2-py3-none-any.whl (103 kB)

|████████████████████████████████| 103 kB 89.3 MB/s

Requirement already satisfied: setuptools in /usr/lib/python3.9/site-packages (from dash) (59.6.0)

Collecting typing-extensions>=4.1.1

Downloading typing\_extensions-4.15.0-py3-none-any.whl (44 kB)

|████████████████████████████████| 44 kB 7.3 MB/s

Requirement already satisfied: requests in /usr/lib/python3.9/site-packages (from dash) (2.25.1)

Collecting retrying

Downloading retrying-1.4.2-py3-none-any.whl (10 kB)

Collecting nest-asyncio

Downloading nest\_asyncio-1.6.0-py3-none-any.whl (5.2 kB)

Collecting plotly>=5.0.0

Downloading plotly-6.3.1-py3-none-any.whl (9.8 MB)

|████████████████████████████████| 9.8 MB 12.7 MB/s

Collecting importlib-metadata

Downloading importlib\_metadata-8.7.0-py3-none-any.whl (27 kB)

Collecting jinja2>=3.1.2

Downloading jinja2-3.1.6-py3-none-any.whl (134 kB)

|████████████████████████████████| 134 kB 82.3 MB/s

Collecting blinker>=1.9.0

Downloading blinker-1.9.0-py3-none-any.whl (8.5 kB)

Collecting markupsafe>=2.1.1

Downloading markupsafe-3.0.3-cp39-cp39-manylinux2014\_x86\_64.manylinux\_2\_17\_x86\_64.manylinux\_2\_28\_x86\_64.whl (20 kB)

Collecting click>=8.1.3

Downloading click-8.1.8-py3-none-any.whl (98 kB)

|████████████████████████████████| 98 kB 17.1 MB/s

Collecting itsdangerous>=2.2.0

Downloading itsdangerous-2.2.0-py3-none-any.whl (16 kB)

Collecting zipp>=3.20

Downloading zipp-3.23.0-py3-none-any.whl (10 kB)

Collecting packaging

Downloading packaging-25.0-py3-none-any.whl (66 kB)

|████████████████████████████████| 66 kB 10.0 MB/s

Collecting narwhals>=1.15.1

Downloading narwhals-2.7.0-py3-none-any.whl (412 kB)

|████████████████████████████████| 412 kB 52.8 MB/s

Requirement already satisfied: chardet<5,>=3.0.2 in /usr/lib/python3.9/site-packages (from requests->dash) (4.0.0)

Requirement already satisfied: urllib3<1.27,>=1.21.1 in /usr/lib/python3.9/site-packages (from requests->dash) (1.25.10)

Requirement already satisfied: idna<3,>=2.5 in /usr/lib/python3.9/site-packages (from requests->dash) (2.10)

Installing collected packages: zipp, markupsafe, Werkzeug, packaging, narwhals, jinja2, itsdangerous, importlib-metadata, click, blinker, typing-extensions, retrying, plotly, nest-asyncio, Flask, dash

Successfully installed Flask-3.1.2 Werkzeug-3.1.3 blinker-1.9.0 click-8.1.8 dash-3.2.0 importlib-metadata-8.7.0 itsdangerous-2.2.0 jinja2-3.1.6 markupsafe-3.0.3 narwhals-2.7.0 nest-asyncio-1.6.0 packaging-25.0 plotly-6.3.1 retrying-1.4.2 typing-extensions-4.15.0 zipp-3.23.0

[ec2-user@ip-172-31-30-244 ~]$ pip3 install gunicorn

Defaulting to user installation because normal site-packages is not writeable

Collecting gunicorn

Downloading gunicorn-23.0.0-py3-none-any.whl (85 kB)

|████████████████████████████████| 85 kB 4.9 MB/s

Requirement already satisfied: packaging in ./.local/lib/python3.9/site-packages (from gunicorn) (25.0)

Installing collected packages: gunicorn

Successfully installed gunicorn-23.0.0

[ec2-user@ip-172-31-30-244 ~]$ sudo yum install git -y

Last metadata expiration check: 0:07:56 ago on Mon Oct 13 03:17:08 2025.

Dependencies resolved.

============================================================================================================================================================

Package Architecture Version Repository Size

============================================================================================================================================================

Installing:

git x86\_64 2.50.1-1.amzn2023.0.1 amazonlinux 53 k

Installing dependencies:

git-core x86\_64 2.50.1-1.amzn2023.0.1 amazonlinux 4.9 M

git-core-doc noarch 2.50.1-1.amzn2023.0.1 amazonlinux 2.8 M

perl-Error noarch 1:0.17029-5.amzn2023.0.2 amazonlinux 41 k

perl-File-Find noarch 1.37-477.amzn2023.0.7 amazonlinux 25 k

perl-Git noarch 2.50.1-1.amzn2023.0.1 amazonlinux 41 k

perl-TermReadKey x86\_64 2.38-9.amzn2023.0.2 amazonlinux 36 k

perl-lib x86\_64 0.65-477.amzn2023.0.7 amazonlinux 15 k

Transaction Summary

============================================================================================================================================================

Install 8 Packages

Total download size: 7.9 M

Installed size: 41 M

Downloading Packages:

(1/8): git-2.50.1-1.amzn2023.0.1.x86\_64.rpm 1.5 MB/s | 53 kB 00:00

(2/8): perl-Error-0.17029-5.amzn2023.0.2.noarch.rpm 1.6 MB/s | 41 kB 00:00

(3/8): perl-File-Find-1.37-477.amzn2023.0.7.noarch.rpm 1.0 MB/s | 25 kB 00:00

(4/8): git-core-doc-2.50.1-1.amzn2023.0.1.noarch.rpm 26 MB/s | 2.8 MB 00:00

(5/8): perl-Git-2.50.1-1.amzn2023.0.1.noarch.rpm 1.4 MB/s | 41 kB 00:00

(6/8): git-core-2.50.1-1.amzn2023.0.1.x86\_64.rpm 33 MB/s | 4.9 MB 00:00

(7/8): perl-TermReadKey-2.38-9.amzn2023.0.2.x86\_64.rpm 916 kB/s | 36 kB 00:00

(8/8): perl-lib-0.65-477.amzn2023.0.7.x86\_64.rpm 382 kB/s | 15 kB 00:00

------------------------------------------------------------------------------------------------------------------------------------------------------------

Total 43 MB/s | 7.9 MB 00:00

Running transaction check

Transaction check succeeded.

Running transaction test

Transaction test succeeded.

Running transaction

Preparing : 1/1

Installing : git-core-2.50.1-1.amzn2023.0.1.x86\_64 1/8

Installing : git-core-doc-2.50.1-1.amzn2023.0.1.noarch 2/8

Installing : perl-lib-0.65-477.amzn2023.0.7.x86\_64 3/8

Installing : perl-TermReadKey-2.38-9.amzn2023.0.2.x86\_64 4/8

Installing : perl-File-Find-1.37-477.amzn2023.0.7.noarch 5/8

Installing : perl-Error-1:0.17029-5.amzn2023.0.2.noarch 6/8

Installing : perl-Git-2.50.1-1.amzn2023.0.1.noarch 7/8

Installing : git-2.50.1-1.amzn2023.0.1.x86\_64 8/8

Running scriptlet: git-2.50.1-1.amzn2023.0.1.x86\_64 8/8

Verifying : git-2.50.1-1.amzn2023.0.1.x86\_64 1/8

Verifying : git-core-2.50.1-1.amzn2023.0.1.x86\_64 2/8

Verifying : git-core-doc-2.50.1-1.amzn2023.0.1.noarch 3/8

Verifying : perl-Error-1:0.17029-5.amzn2023.0.2.noarch 4/8

Verifying : perl-File-Find-1.37-477.amzn2023.0.7.noarch 5/8

Verifying : perl-Git-2.50.1-1.amzn2023.0.1.noarch 6/8

Verifying : perl-TermReadKey-2.38-9.amzn2023.0.2.x86\_64 7/8

Verifying : perl-lib-0.65-477.amzn2023.0.7.x86\_64 8/8

Installed:

git-2.50.1-1.amzn2023.0.1.x86\_64 git-core-2.50.1-1.amzn2023.0.1.x86\_64 git-core-doc-2.50.1-1.amzn2023.0.1.noarch

perl-Error-1:0.17029-5.amzn2023.0.2.noarch perl-File-Find-1.37-477.amzn2023.0.7.noarch perl-Git-2.50.1-1.amzn2023.0.1.noarch

perl-TermReadKey-2.38-9.amzn2023.0.2.x86\_64 perl-lib-0.65-477.amzn2023.0.7.x86\_64

Complete!

[ec2-user@ip-172-31-30-244 ~]$ git clone https://github.com/kman121/taller\_despliegue

Cloning into 'taller\_despliegue'...

remote: Enumerating objects: 10, done.

remote: Counting objects: 100% (10/10), done.

remote: Compressing objects: 100% (9/9), done.

remote: Total 10 (delta 1), reused 10 (delta 1), pack-reused 0 (from 0)

Receiving objects: 100% (10/10), 63.12 KiB | 10.52 MiB/s, done.

Resolving deltas: 100% (1/1), done.

[ec2-user@ip-172-31-30-244 ~]$ ls

taller\_despliegue

[ec2-user@ip-172-31-30-244 ~]$ cd

[ec2-user@ip-172-31-30-244 ~]$ cd taller\_despliegue

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ ls

app.py assets datos\_energia.csv

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ nano app.py

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ cat app.py

import dash

from dash import dcc

from dash import html

from dash.dependencies import Input, Output

import plotly.graph\_objs as go

import numpy as np

import pandas as pd

import datetime as dt

app = dash.Dash(

\_\_name\_\_,

meta\_tags=[{"name": "viewport", "content": "width=device-width, initial-scale=1"}],

)

app.title = "Dashboard energia"

server = app.server

app.config.suppress\_callback\_exceptions = True

# Load data from csv

def load\_data():

df = pd.read\_csv("datos\_energia.csv")

df.rename(columns={'time': 'Fecha'}, inplace=True)

df["Fecha"] = pd.to\_datetime(df["Fecha"])

df.set\_index("Fecha", inplace=True)

return df

# Cargar datos

data = load\_data()

# Graficar serie

def plot\_series(data, initial\_date, proy):

data\_plot = data.loc[initial\_date:]

data\_plot = data\_plot[:-(120-proy)]

fig = go.Figure([

go.Scatter(

name='Demanda energética',

x=data\_plot.index,

y=data\_plot['AT\_load\_actual\_entsoe\_transparency'],

mode='lines',

line=dict(color="#188463"),

),

go.Scatter(

name='Proyección',

x=data\_plot.index,

y=data\_plot['forecast'],

mode='lines',

line=dict(color="#bbffeb",),

),

go.Scatter(

name='Upper Bound',

x=data\_plot.index,

y=data\_plot['Upper bound'],

mode='lines',

marker=dict(color="#444"),

line=dict(width=0),

showlegend=False

),

go.Scatter(

name='Lower Bound',

x=data\_plot.index,

y=data\_plot['Lower bound'],

marker=dict(color="#444"),

line=dict(width=0),

mode='lines',

fillcolor="rgba(242, 255, 251, 0.3)",

fill='tonexty',

showlegend=False

)

])

fig.update\_layout(

legend=dict(

orientation="h",

yanchor="bottom",

y=1.02,

xanchor="right",

x=1

),

yaxis\_title='Demanda total [MW]',

#title='Continuous, variable value error bars',

hovermode="x"

)

#fig = px.line(data2, x='local\_timestamp', y="Demanda total [MW]", markers=True, labels={"local\_timestamp": "Fecha"})

fig.update\_layout(paper\_bgcolor='rgba(0,0,0,0)', plot\_bgcolor='rgba(0,0,0,0)', font\_color="#2cfec1")

fig.update\_xaxes(showgrid=True, gridwidth=0.25, gridcolor='#7C7C7C')

fig.update\_yaxes(showgrid=True, gridwidth=0.25, gridcolor='#7C7C7C')

#fig.update\_traces(line\_color='#2cfec1')

return fig

def description\_card():

"""

:return: A Div containing dashboard title & descriptions.

"""

return html.Div(

id="description-card",

children=[

#html.H5("Proyecto 1"),

html.H3("Pronóstico de producción energética"),

html.Div(

id="intro",

children="Esta herramienta contiene información sobre la demanda energética total en Austria cada hora según lo públicado en ENTSO-E Data Portal. Adicionalmente, permite realizar pronósticos hasta 5 dias en el futuro."

),

],

)

def generate\_control\_card():

"""

:return: A Div containing controls for graphs.

"""

return html.Div(

id="control-card",

children=[

# Fecha inicial

html.P("Seleccionar fecha y hora inicial:"),

html.Div(

id="componentes-fecha-inicial",

children=[

html.Div(

id="componente-fecha",

children=[

dcc.DatePickerSingle(

id='datepicker-inicial',

min\_date\_allowed=min(data.index.date),

max\_date\_allowed=max(data.index.date),

initial\_visible\_month=min(data.index.date),

date=max(data.index.date)-dt.timedelta(days=7)

)

],

style=dict(width='30%')

),

html.P(" ",style=dict(width='5%', textAlign='center')),

html.Div(

id="componente-hora",

children=[

dcc.Dropdown(

id="dropdown-hora-inicial-hora",

options=[{"label": i, "value": i} for i in np.arange(0,25)],

value=pd.to\_datetime(max(data.index)-dt.timedelta(days=7)).hour,

# style=dict(width='50%', display="inline-block")

)

],

style=dict(width='20%')

),

],

style=dict(display='flex')

),

html.Br(),

# Slider proyección

html.Div(

id="campo-slider",

children=[

html.P("Ingrese horas a proyectar:"),

dcc.Slider(

id="slider-proyeccion",

min=0,

max=119,

step=1,

value=0,

marks=None,

tooltip={"placement": "bottom", "always\_visible": True},

)

]

)

]

)

app.layout = html.Div(

id="app-container",

children=[

# Left column

html.Div(

id="left-column",

className="four columns",

children=[description\_card(), generate\_control\_card()]

+ [

html.Div(

["initial child"], id="output-clientside", style={"display": "none"}

)

],

),

# Right column

html.Div(

id="right-column",

className="eight columns",

children=[

# Grafica de la serie de tiempo

html.Div(

id="model\_graph",

children=[

html.B("Demanda energética total en Austria [MW]"),

html.Hr(),

dcc.Graph(

id="plot\_series",

)

],

),

],

),

],

)

@app.callback(

Output(component\_id="plot\_series", component\_property="figure"),

[Input(component\_id="datepicker-inicial", component\_property="date"),

Input(component\_id="dropdown-hora-inicial-hora", component\_property="value"),

Input(component\_id="slider-proyeccion", component\_property="value")]

)

def update\_output\_div(date, hour, proy):

if ((date is not None) & (hour is not None) & (proy is not None)):

hour = str(hour)

minute = str(0)

initial\_date = date + " " + hour + ":" + minute

initial\_date = pd.to\_datetime(initial\_date, format="%Y-%m-%d %H:%M")

# Graficar

plot = plot\_series(data, initial\_date, int(proy))

return plot

# Run the server

if \_\_name\_\_ == "\_\_main\_\_":

app .run( host =" 0.0.0.0 ", debug = True )

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git add app.py

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git commit -m "Modificación para ejecutar tablero en la nube"

[master 7a4a49c] Modificación para ejecutar tablero en la nube

Committer: EC2 Default User <ec2-user@ip-172-31-30-244.ec2.internal>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+), 1 deletion(-)

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push origine https://github.com/kman121/taller\_despliegue.git

fatal: invalid refspec 'https://github.com/kman121/taller\_despliegue.git'

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git branch

\* master

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git remote -v

origin https://github.com/kman121/taller\_despliegue (fetch)

origin https://github.com/kman121/taller\_despliegue (push)

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push -u origin master

Username for 'https://github.com': kman121

Password for 'https://kman121@github.com':

remote: Invalid username or token. Password authentication is not supported for Git operations.

fatal: Authentication failed for 'https://github.com/kman121/taller\_despliegue/'

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ github\_pat\_11BPFQ2WY0GK88TlOlqEqD\_yZXR9uAAyCFD7OtTWTzyFkrcKFIRl6zKK84fQMcTMJDFTN3HEYWW6IUFRKD

-bash: github\_pat\_11BPFQ2WY0GK88TlOlqEqD\_yZXR9uAAyCFD7OtTWTzyFkrcKFIRl6zKK84fQMcTMJDFTN3HEYWW6IUFRKD: command not found

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push -u origin master

Username for 'https://github.com': kman121

Password for 'https://kman121@github.com':

remote: Invalid username or token. Password authentication is not supported for Git operations.

fatal: Authentication failed for 'https://github.com/kman121/taller\_despliegue/'

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push -u origin master

Username for 'https://github.com': kman121

Password for 'https://kman121@github.com':

remote: Invalid username or token. Password authentication is not supported for Git operations.

fatal: Authentication failed for 'https://github.com/kman121/taller\_despliegue/'

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push -u origin master

Username for 'https://github.com': kman121

Password for 'https://kman121@github.com':

remote: Invalid username or token. Password authentication is not supported for Git operations.

fatal: Authentication failed for 'https://github.com/kman121/taller\_despliegue/'

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push -u origin master

Username for 'https://github.com': kman121

Password for 'https://kman121@github.com':

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 427 bytes | 427.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/kman121/taller\_despliegue

fc9e5e6..7a4a49c master -> master

branch 'master' set up to track 'origin/master'.

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ python3 app.py

Dash is running on http:// 0.0.0.0 :8050/

\* Serving Flask app 'app'

\* Debug mode: on

Name or service not known

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ nano app.py

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ cat app.py

import dash

from dash import dcc

from dash import html

from dash.dependencies import Input, Output

import plotly.graph\_objs as go

import numpy as np

import pandas as pd

import datetime as dt

app = dash.Dash(

\_\_name\_\_,

meta\_tags=[{"name": "viewport", "content": "width=device-width, initial-scale=1"}],

)

app.title = "Dashboard energia"

server = app.server

app.config.suppress\_callback\_exceptions = True

# Load data from csv

def load\_data():

df = pd.read\_csv("datos\_energia.csv")

df.rename(columns={'time': 'Fecha'}, inplace=True)

df["Fecha"] = pd.to\_datetime(df["Fecha"])

df.set\_index("Fecha", inplace=True)

return df

# Cargar datos

data = load\_data()

# Graficar serie

def plot\_series(data, initial\_date, proy):

data\_plot = data.loc[initial\_date:]

data\_plot = data\_plot[:-(120-proy)]

fig = go.Figure([

go.Scatter(

name='Demanda energética',

x=data\_plot.index,

y=data\_plot['AT\_load\_actual\_entsoe\_transparency'],

mode='lines',

line=dict(color="#188463"),

),

go.Scatter(

name='Proyección',

x=data\_plot.index,

y=data\_plot['forecast'],

mode='lines',

line=dict(color="#bbffeb",),

),

go.Scatter(

name='Upper Bound',

x=data\_plot.index,

y=data\_plot['Upper bound'],

mode='lines',

marker=dict(color="#444"),

line=dict(width=0),

showlegend=False

),

go.Scatter(

name='Lower Bound',

x=data\_plot.index,

y=data\_plot['Lower bound'],

marker=dict(color="#444"),

line=dict(width=0),

mode='lines',

fillcolor="rgba(242, 255, 251, 0.3)",

fill='tonexty',

showlegend=False

)

])

fig.update\_layout(

legend=dict(

orientation="h",

yanchor="bottom",

y=1.02,

xanchor="right",

x=1

),

yaxis\_title='Demanda total [MW]',

#title='Continuous, variable value error bars',

hovermode="x"

)

#fig = px.line(data2, x='local\_timestamp', y="Demanda total [MW]", markers=True, labels={"local\_timestamp": "Fecha"})

fig.update\_layout(paper\_bgcolor='rgba(0,0,0,0)', plot\_bgcolor='rgba(0,0,0,0)', font\_color="#2cfec1")

fig.update\_xaxes(showgrid=True, gridwidth=0.25, gridcolor='#7C7C7C')

fig.update\_yaxes(showgrid=True, gridwidth=0.25, gridcolor='#7C7C7C')

#fig.update\_traces(line\_color='#2cfec1')

return fig

def description\_card():

"""

:return: A Div containing dashboard title & descriptions.

"""

return html.Div(

id="description-card",

children=[

#html.H5("Proyecto 1"),

html.H3("Pronóstico de producción energética"),

html.Div(

id="intro",

children="Esta herramienta contiene información sobre la demanda energética total en Austria cada hora según lo públicado en ENTSO-E Data Portal. Adicionalmente, permite realizar pronósticos hasta 5 dias en el futuro."

),

],

)

def generate\_control\_card():

"""

:return: A Div containing controls for graphs.

"""

return html.Div(

id="control-card",

children=[

# Fecha inicial

html.P("Seleccionar fecha y hora inicial:"),

html.Div(

id="componentes-fecha-inicial",

children=[

html.Div(

id="componente-fecha",

children=[

dcc.DatePickerSingle(

id='datepicker-inicial',

min\_date\_allowed=min(data.index.date),

max\_date\_allowed=max(data.index.date),

initial\_visible\_month=min(data.index.date),

date=max(data.index.date)-dt.timedelta(days=7)

)

],

style=dict(width='30%')

),

html.P(" ",style=dict(width='5%', textAlign='center')),

html.Div(

id="componente-hora",

children=[

dcc.Dropdown(

id="dropdown-hora-inicial-hora",

options=[{"label": i, "value": i} for i in np.arange(0,25)],

value=pd.to\_datetime(max(data.index)-dt.timedelta(days=7)).hour,

# style=dict(width='50%', display="inline-block")

)

],

style=dict(width='20%')

),

],

style=dict(display='flex')

),

html.Br(),

# Slider proyección

html.Div(

id="campo-slider",

children=[

html.P("Ingrese horas a proyectar:"),

dcc.Slider(

id="slider-proyeccion",

min=0,

max=119,

step=1,

value=0,

marks=None,

tooltip={"placement": "bottom", "always\_visible": True},

)

]

)

]

)

app.layout = html.Div(

id="app-container",

children=[

# Left column

html.Div(

id="left-column",

className="four columns",

children=[description\_card(), generate\_control\_card()]

+ [

html.Div(

["initial child"], id="output-clientside", style={"display": "none"}

)

],

),

# Right column

html.Div(

id="right-column",

className="eight columns",

children=[

# Grafica de la serie de tiempo

html.Div(

id="model\_graph",

children=[

html.B("Demanda energética total en Austria [MW]"),

html.Hr(),

dcc.Graph(

id="plot\_series",

)

],

),

],

),

],

)

@app.callback(

Output(component\_id="plot\_series", component\_property="figure"),

[Input(component\_id="datepicker-inicial", component\_property="date"),

Input(component\_id="dropdown-hora-inicial-hora", component\_property="value"),

Input(component\_id="slider-proyeccion", component\_property="value")]

)

def update\_output\_div(date, hour, proy):

if ((date is not None) & (hour is not None) & (proy is not None)):

hour = str(hour)

minute = str(0)

initial\_date = date + " " + hour + ":" + minute

initial\_date = pd.to\_datetime(initial\_date, format="%Y-%m-%d %H:%M")

# Graficar

plot = plot\_series(data, initial\_date, int(proy))

return plot

# Run the server

if \_\_name\_\_ == "\_\_main\_\_":

app.run\_server(host="0.0.0.0", port=8050, debug=True)

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git add app.py

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git commit -m "Modificación para ejecutar tablero en la nube 2"

[master b440283] Modificación para ejecutar tablero en la nube 2

Committer: EC2 Default User <ec2-user@ip-172-31-30-244.ec2.internal>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+), 1 deletion(-)

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push -u origin master

Username for 'https://github.com': kman121

Password for 'https://kman121@github.com':

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 439 bytes | 439.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/kman121/taller\_despliegue

7a4a49c..b440283 master -> master

branch 'master' set up to track 'origin/master'.

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ python3 app.py

Traceback (most recent call last):

File "/home/ec2-user/taller\_despliegue/app.py", line 248, in <module>

app.run\_server(host="0.0.0.0", port=8050, debug=True)

File "/home/ec2-user/.local/lib/python3.9/site-packages/dash/\_obsolete.py", line 22, in \_\_getattr\_\_

raise err.exc(err.message)

dash.exceptions.ObsoleteAttributeException: app.run\_server has been replaced by app.run

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ ^C

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ pip show dash

Name: dash

Version: 3.2.0

Summary: A Python framework for building reactive web-apps. Developed by Plotly.

Home-page: https://plotly.com/dash

Author: Chris Parmer

Author-email: chris@plotly.com

License: MIT

Location: /home/ec2-user/.local/lib/python3.9/site-packages

Requires: Flask, importlib-metadata, nest-asyncio, plotly, requests, retrying, setuptools, typing-extensions, Werkzeug

Required-by:

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ nano app.py

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git add app.py

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git commit -m "Modificación para ejecutar tablero en la nube origen"

[master 52f2d5c] Modificación para ejecutar tablero en la nube origen

Committer: EC2 Default User <ec2-user@ip-172-31-30-244.ec2.internal>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+), 1 deletion(-)

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ git push -u origin master

Username for 'https://github.com': kman121

Password for 'https://kman121@github.com':

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 397 bytes | 397.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/kman121/taller\_despliegue

b440283..52f2d5c master -> master

branch 'master' set up to track 'origin/master'.

[ec2-user@ip-172-31-30-244 taller\_despliegue]$ python3 app.py

Dash is running on http://0.0.0.0:8050/

\* Serving Flask app 'app'

\* Debug mode: on

^C[ec2-user@ip-172-31-30-244 taller\_despliegue]$

Broadcast message from root@localhost (Mon 2025-10-13 05:03:16 UTC):

The system will power off now!

Connection to 54.147.148.190 closed by remote host.

Connection to 54.147.148.190 closed.

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller> cd ..

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1> cd Taller 2

Set-Location : No se encuentra ningún parámetro de posición que acepte el argumento '2'.

En línea: 1 Carácter: 1

+ cd Taller 2

+ ~~~~~~~~~~~

+ CategoryInfo : InvalidArgument: (:) [Set-Location], ParameterBindingException

+ FullyQualifiedErrorId : PositionalParameterNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1> cd "Taller 2"

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git config --global user.name

kman121

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git log

commit 8fb20cd36674d9d77635c1791938065f6299bc13 (HEAD -> main)

Author: kman121 <camiloandresfe@ufps.edu.co>

Date: Mon Oct 13 00:11:59 2025 -0500

Agregando Archivos

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> app.py

app.py : El término 'app.py' no se reconoce como nombre de un cmdlet, función, archivo de script o programa ejecutable. Compruebe si

escribió correctamente el nombre o, si incluyó una ruta de acceso, compruebe que dicha ruta es correcta e inténtelo de nuevo.

En línea: 1 Carácter: 1

+ app.py

+ ~~~~~~

+ CategoryInfo : ObjectNotFound: (app.py:String) [], CommandNotFoundException

+ FullyQualifiedErrorId : CommandNotFoundException

Suggestion [3,General]: No se encontró el comando app.py, pero existe en la ubicación actual. Windows PowerShell no carga comandos de la ubicación actual de forma predeterminada. Si confía en este comando, escriba ".\app.py". Vea "get-help about\_Command\_Precedence" para obtener información más detallada.

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> python app.py

Dash is running on http://127.0.0.1:8050/

\* Serving Flask app 'app'

\* Debug mode: on

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git add app.py

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git commit^C

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git add app.py

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git commit -m " nueva funcion para cargar datos "

On branch main

nothing to commit, working tree clean

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> ^C

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git add app.py

warning: in the working copy of 'app.py', LF will be replaced by CRLF the next time Git touches it

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git commit -m "nueva funcion para cargar datos 2"

[main bf53e70] nueva funcion para cargar datos 2

1 file changed, 4 insertions(+), 4 deletions(-)

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2> git log

commit bf53e70c65946d5df6caaae4d1861465f86c7d2a (HEAD -> main)

Author: kman121 <camiloandresfe@ufps.edu.co>

Date: Mon Oct 13 20:27:53 2025 -0500

nueva funcion para cargar datos 2

commit 8fb20cd36674d9d77635c1791938065f6299bc13

Author: kman121 <camiloandresfe@ufps.edu.co>

Date: Mon Oct 13 00:11:59 2025 -0500

Agregando Archivos

(base) PS C:\Users\USER\Downloads\Despliegue de Soluciones Analíticas\Semana 1\Taller 2>