## **GUIA CIENCIA DE DATOS 5 NOVIEMBRE**

# PRESENTADO POR: BRAYAN DAVID ROLDAN VARGAS

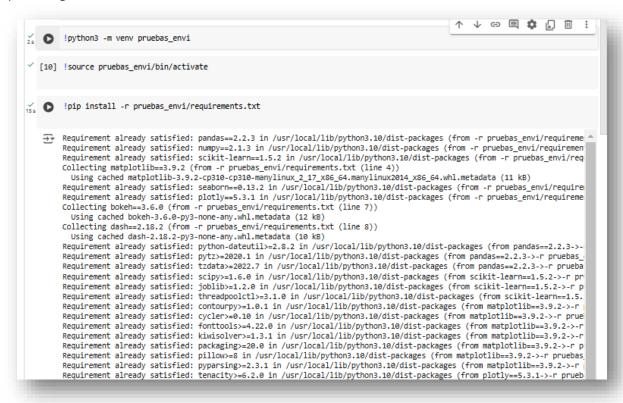
CIENCIA DATOS

ETITC

NOVIEMBRE

2024

#### 1) Configuración entorno virtual:



#### 2)instalación manual librerías pip:

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) !pip install pandas==2.2.3
                             pip install numpy==2.1.3
                           !pip install matplotlib==3.9.2
!pip install seaborn==0.13.2
                            !pip install plotly==5.3.1
                            !pip install bokeh==3.6.0
                           !pip install dash==2.18.2
           Requirement already satisfied: pandas==2.2.3 in /usr/local/lib/python3.10/dist-packages (2.2.3)
                          Requirement already satisfied: numpy==12.4.3 III /usr/local/lib/python3.10/dist-packages (from pandas==2.2.3) (2.1.3)

Requirement already satisfied: python-dateutil>=2.8.2 in /usr/local/lib/python3.10/dist-packages (from pandas==2.2.3) (2.8.2)

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Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.10/dist-packages (from python-dateutil>=2.8.2->pandas==2.2.3) (1.16.0)

Requirement already satisfied: numpy==2.1.3 in /usr/local/lib/python3.10/dist-packages (from python-dateutil>=2.8.2->pandas==2.2.3) (1.16.0)
                          Requirement already satisfied: mathplotlib==3.9.2 in /usr/local/lib/python3.10/dist-packages (3.9.2)

Requirement already satisfied: contourpy>=1.0.1 in /usr/local/lib/python3.10/dist-packages (from matplotlib==3.9.2) (1.3.0)

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                           Requirement already satisfied: fonttools>=4.22.0 in /usr/local/lib/python3.10/dist-packages (from matplotlib==3.9.2) (4.54.1)
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                          Requirement already satisfied: numpy>=1.23 in /usr/local/lib/python3.10/dist-packages (from matplotlib==3.9.2) (2.1.3) Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3.10/dist-packages (from matplotlib==3.9.2) (24 Requirement already satisfied: pillow>=8 in /usr/local/lib/python3.10/dist-packages (from matplotlib==3.9.2) (10.4.0)
                           Requirement already satisfied: pyparsing>=2.3.1 in /usr/local/lib/python3.10/dist-packages (from matplotlib==3.9.2) (3.2.0)

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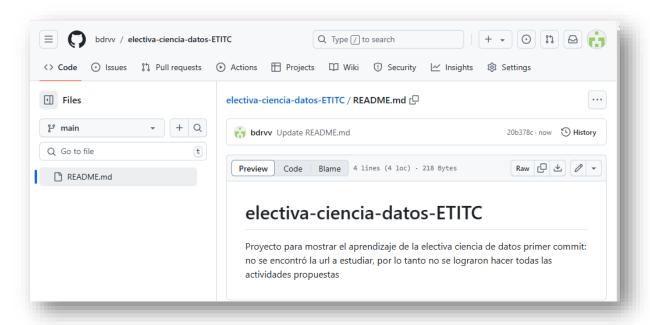
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Requirement already satisfied: pillow>=8 in /usr/local/lib/python3.10/dist-packages (from matplotlib!=3.6.1,>=3.4->seaborn==0.13.2) (10.4.0)
```

## 3) la url no se encontró por el momento:



## Por lo tanto, no se pudo completar este punto de la actividad

## 4) Creación repositorio en GITHUB:



#### 5) Quedan pendientes las siguientes actividades para el próximo commit:

- Cargar el conjunto de datos de e-commerce desde una URL pública.
- Verificar valores faltantes y explorar las estadísticas del conjunto de datos.
- Filtrar datos para mostrar solo ventas exitosas.
- Crear un gráfico de las ventas por país utilizando 'matplotlib o 'seaborn '.
- Crear un histograma para visualizar la distribución de la cantidad de productos vendidos.
- Crear un gráfico interactivo de dispersión con 'plotly'.
- Crear un gráfico interactivo de líneas con 'bokeh' para mostrar ventas diarias.
- Crear una visualización básica usando 'dash' para mostrar transacciones por país.
   Presentar los resultados del análisis y recibir retroalimentación. Redactar un resumen de la experiencia y lo aprendido durante la sesión.