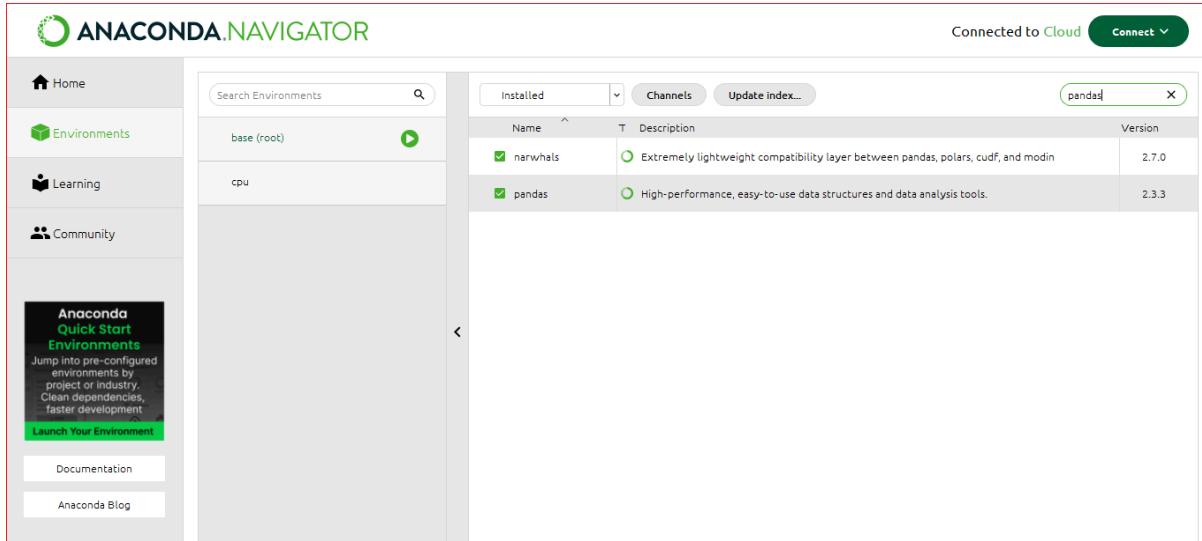


Actividad 2: Instalación de las librerías Pandas y Matplotlib en Anaconda.

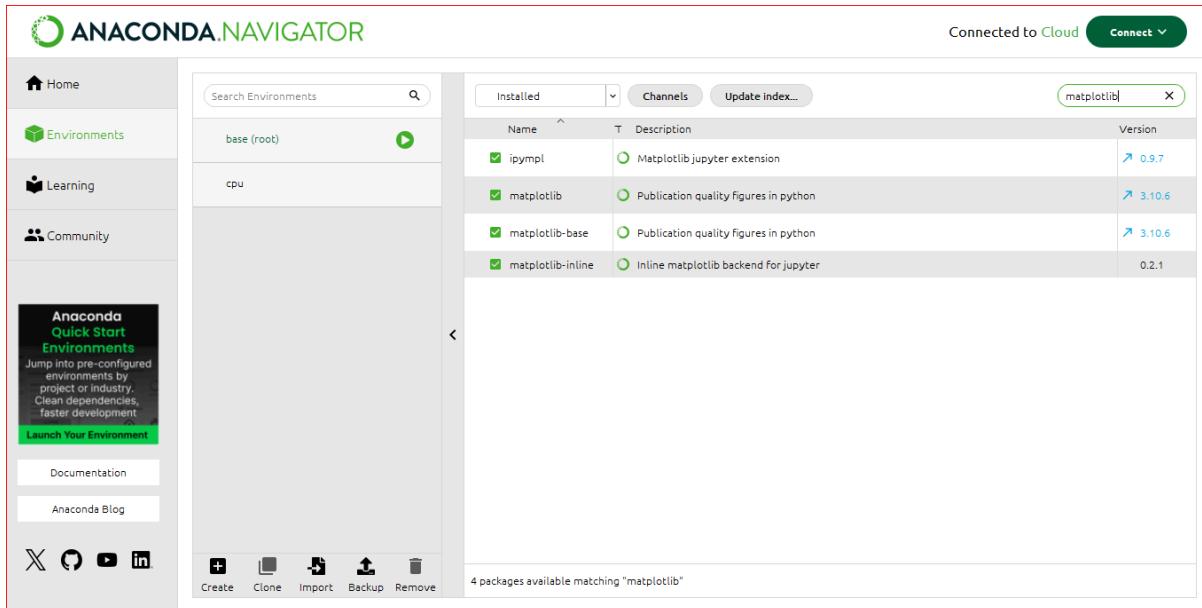
→ Pandas ya está instalado en nuestro entorno de desarrollo Anaconda



The screenshot shows the Anaconda Navigator interface. On the left is a sidebar with links for Home, Environments, Learning, and Community. A central panel displays environment configurations for 'base (root)' and 'cpu'. On the right, a main window titled 'Installed' shows a list of packages. A search bar at the top right contains the text 'pandas'. The results table includes columns for Name, Description, and Version. Two packages are listed: 'narwhals' (version 2.7.0) and 'pandas' (version 2.3.3). The 'pandas' entry has a green circular icon next to it, indicating it is installed.

Name	Description	Version
narwhals	Extremely lightweight compatibility layer between pandas, polars, cudf, and modin	2.7.0
pandas	High-performance, easy-to-use data structures and data analysis tools.	2.3.3

→ Matplotlib así mismo, ya está instalado

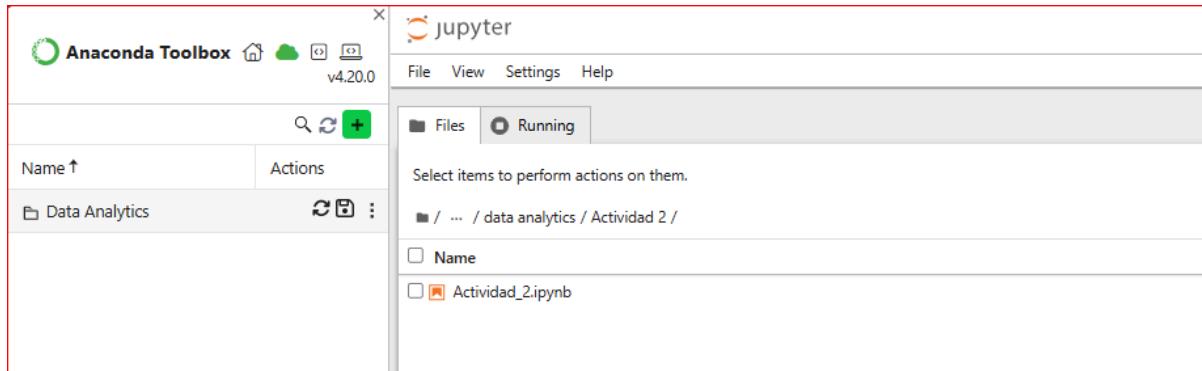


The screenshot shows the Anaconda Navigator interface. The layout is identical to the previous one, with a sidebar, environment configurations, and a main 'Installed' window. In the search bar at the top right, the text 'matplotlib' is entered. The results table shows four packages: 'ipympl' (version 0.9.7), 'matplotlib' (version 3.10.6), 'matplotlib-base' (version 3.10.6), and 'matplotlib-inline' (version 0.2.1). All four packages have green circular icons next to them, indicating they are installed.

Name	Description	Version
ipympl	Matplotlib jupyter extension	0.9.7
matplotlib	Publication quality figures in python	3.10.6
matplotlib-base	Publication quality figures in python	3.10.6
matplotlib-inline	Inline matplotlib backend for jupyter	0.2.1

→ Configuración de repositorios y organización de las tareas durante el semestre.

→ Creación de un proyecto para organizar las actividades del semestre.



→ Importar librerías que ya habían sido instaladas, y una prueba de que si funcionan correctamente.

A screenshot of a Jupyter Notebook interface. The title bar says 'Jupyter Actividad_2 Last Checkpoint: 44 seconds ago'. The menu bar includes File, Edit, View, Run, Kernel, Settings, Help, and a 'Trusted' badge. Below the menu is a toolbar with icons for new notebook, close, run, etc. The main area shows a code cell [2]:

```
# Importar las Librerías requeridas
import pandas as pd
import matplotlib.pyplot as plt

# Pequeño conjunto de datos de prueba
data = {
    'Mes': ['Enero', 'Febrero', 'Marzo', 'Abril'],
    'Ventas': [150, 200, 180, 220]
}

# Convertirlo en un DataFrame de Pandas
df = pd.DataFrame(data)

# Mostrar el DataFrame
print("Las Librerías Importadas Correctamente!")
print(f"Versión de Pandas: {pd.__version__}")
print("-" * 30)
print(df)

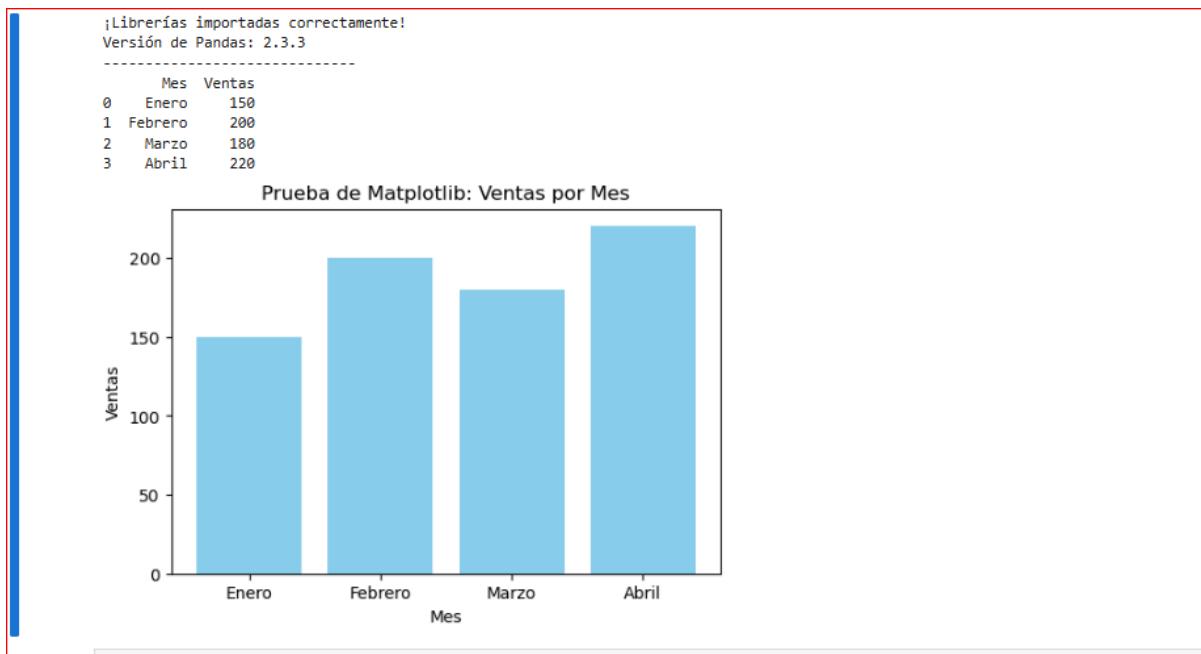
# Crear un gráfico simple con Matplotlib para validar
plt.figure(figsize=(6, 4))
plt.bar(df['Mes'], df['Ventas'], color="skyblue")
plt.title('Prueba de Matplotlib: Ventas por Mes')
plt.xlabel('Mes')
plt.ylabel('Ventas')
plt.show()
```

The output section shows:

```
:Librerías importadas correctamente!
Versión de Pandas: 2.3.3
-----
      Mes  Ventas
0   Enero     150
```

The entire window is enclosed in a red border.

→ Resultado, después de correr las librerías.



-----Mi cuenta Github-----

<https://github.com/SantiagoMartvela75/Analisis-de-datos-2026-A-.git>

Screenshot of a GitHub repository page for 'Analisis-de-datos-2026-A-' showing the 'Actividad_2' folder and its contents.

The repository structure on the left shows:

- main
- Actividades
- Actividad_1
- Instalación de anaconda_reporte
- Actividad_2
 - Actividad_2_reporte
 - Actividad_1
 - Actividad_2.ipynb

The 'Actividad_2' folder is selected. On the right, there is a list of files in the folder:

Name	Last commit message	Last commit date
...		
Actividad_2_reporte	Create Actividad_2_reporte	now