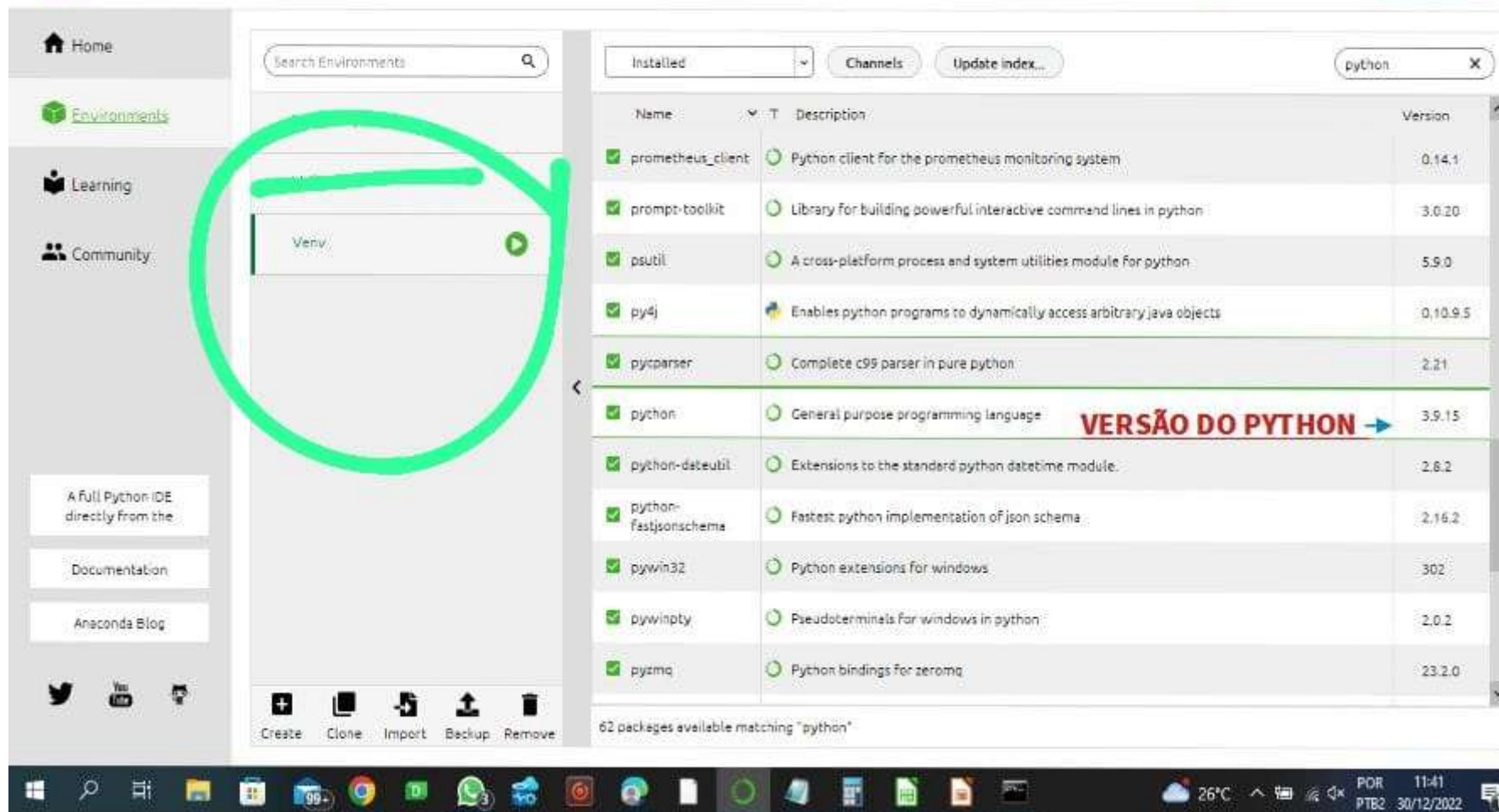


Versão do Python

Ambiente de trabalho



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python

Name	Description	Version
prometheus_client	Python client for the prometheus monitoring system	0.14.1
prompt-toolkit	Library for building powerful interactive command lines in python	3.0.20
psutil	A cross-platform process and system utilities module for python	5.9.0
py4j	Enables python programs to dynamically access arbitrary java objects	0.10.9.5
pycparser	Complete c99 parser in pure python	2.21
python	General purpose programming language	3.9.15
python-dateutil	Extensions to the standard python datetime module.	2.8.2
python-fastjsonschema	Fastest python implementation of json schema	2.16.2
pywin32	Python extensions for windows	302
pywinpty	Pseudoterminals for windows in python	2.0.2
pyzmq	Python bindings for zeromq	23.2.0

62 packages available matching "python"

VERSÃO DO PYTHON →

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Windows taskbar: 26°C, 11:41, 30/12/2022

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python

```
C:\WINDOWS\system32\cmd.exe - python
(Venv) C:\Users\BlueShift\python
Python 3.9.15 (main, Nov 14 2022, 16:35:55) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
```

	Version
	1.3.0
itations on python	3.5.0
	21.2.0
ositions of toke...	2.0.5
	1.6.3
lieving you from	22.1.0
	4.11.1
	2022.12.7
	1.15.1
	1.5.1
	5.1.1
	0.7.1

Create Clone Import Backup Remove

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base (root)

Venv



Create



Clone



Import



Backup



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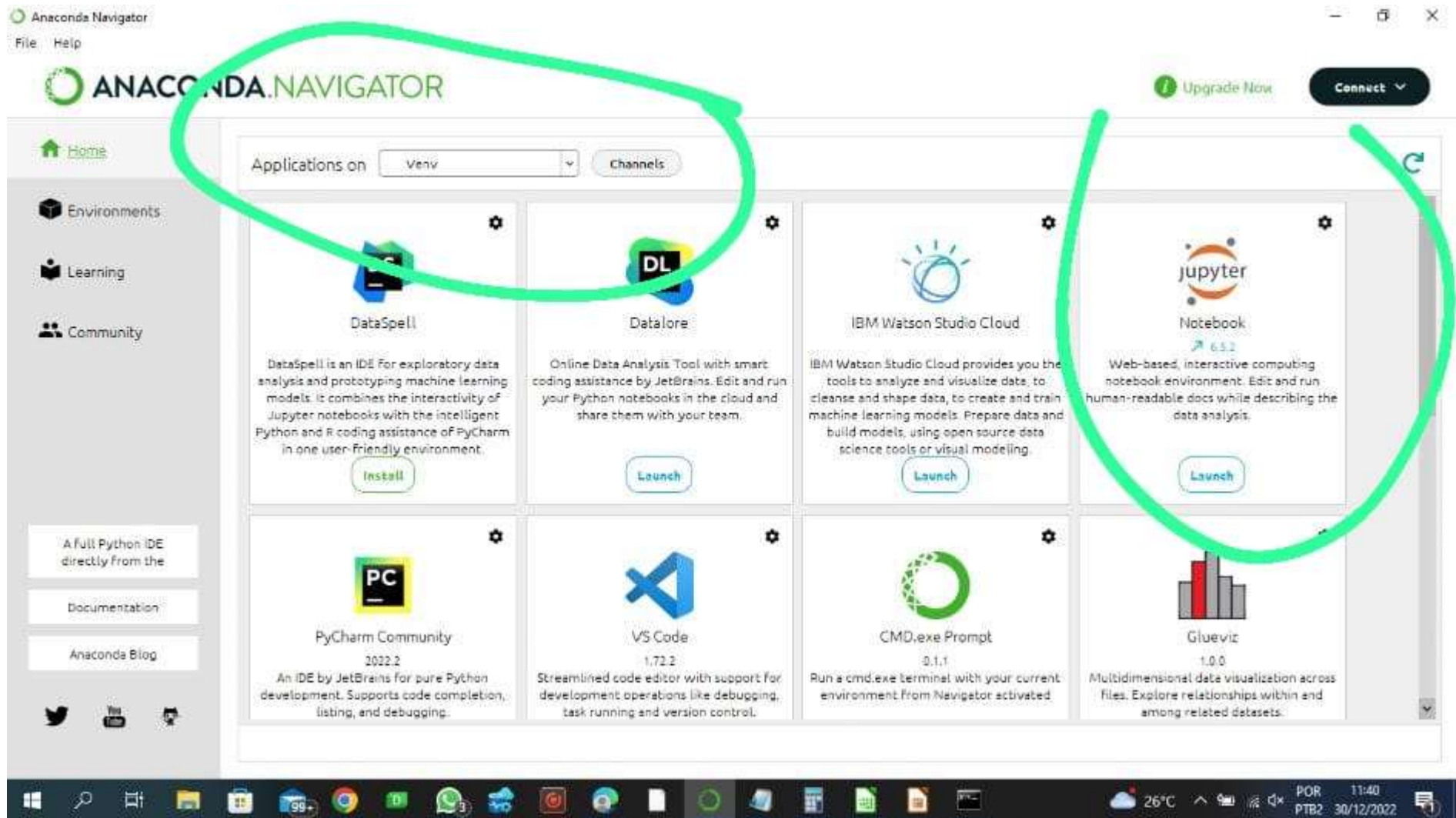
Update index...

python

Name	Description	Version
python	General purpose programming language	3.9.15
python-dateutil	Extensions to the standard python datetime module.	2.8.2

```
C:\WINDOWS\system32\cmd.exe - python
(Venv) C:\Users\BlueShift>pip install pandas
Requirement already satisfied: pandas in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (1.5.1)
Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from pandas) (2022.6)
Requirement already satisfied: numpy>=1.20.3 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from pandas) (1.23.4)
Requirement already satisfied: six>=1.5 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)

(Venv) C:\Users\BlueShift>python
Python 3.9.15 (main, Nov 4 2022, 16:35:55) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```



VALIDAÇÃO DE MODELOS PARA CLUSTERIZAÇÃO

- Autor(a) - Patrícia ferreira da ilva
- Tutor - Luiz Fernando de Frias

```
In [1]: 1 import numpy as np
        2 import pandas as pd
        3 import seaborn as sns
        4 import matplotlib.pyplot as plt
```

```
C:\WINDOWS\system32\cmd.exe
seaborn) (3.6.2)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (4.38.0)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (3.0.9)
Requirement already satisfied: cyclizer>=0.10 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (0.11.0)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (2.8.2)
Requirement already satisfied: contourpy>=1.0.1 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (1.0.6)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (1.4.4)
Requirement already satisfied: pillow>=6.2.0 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (9.3.0)
Requirement already satisfied: packaging>=20.0 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from matplotlib!=3.6.1,>=3.1->seaborn) (21.3)
Requirement already satisfied: pytz>=2020.1 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from pandas>=0.25->seaborn) (2022.6)
Requirement already satisfied: six>=1.5 in c:\users\blueshift\anaconda3\envs\venv\lib\site-packages (from python-dateutil>=2.7->matplotlib!=3.6.1,>=3.1->seaborn) (1.16.0)

(Venv) C:\Users\BlueShift>
```

