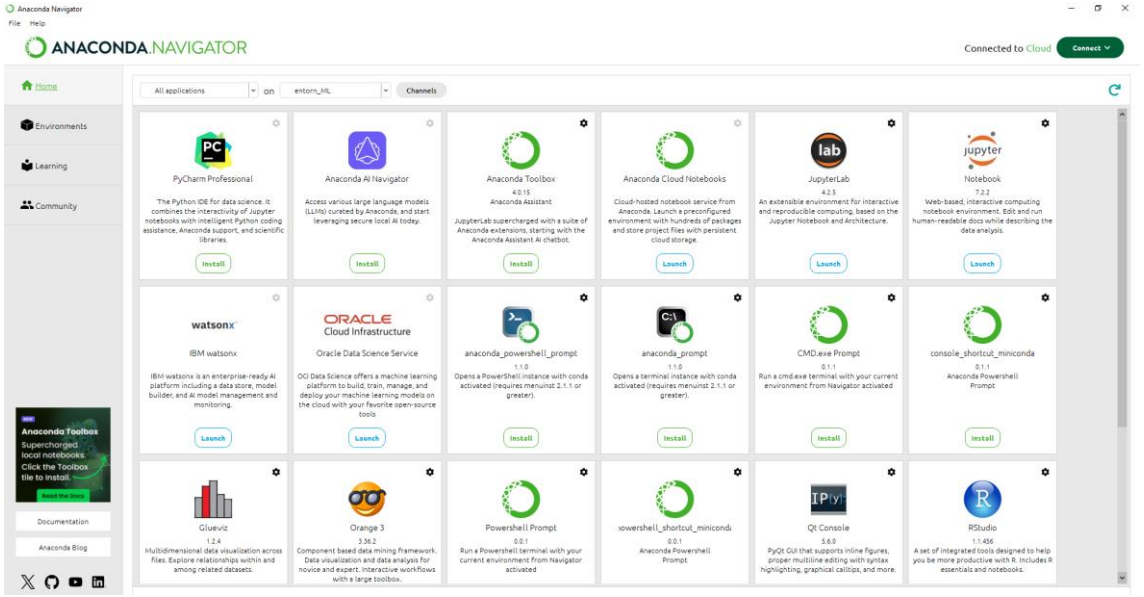
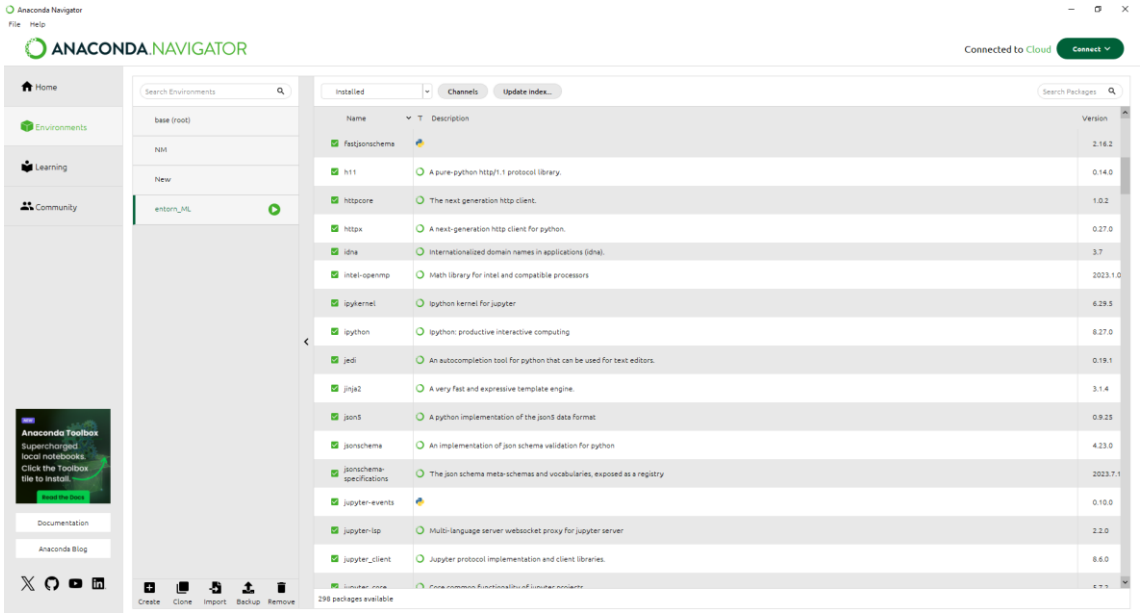
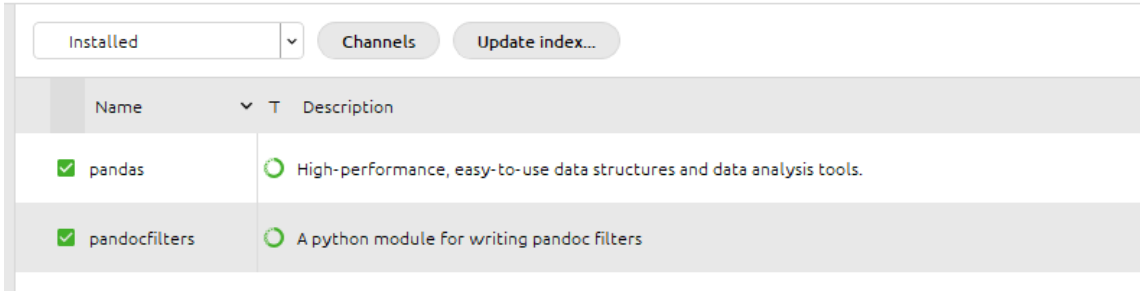
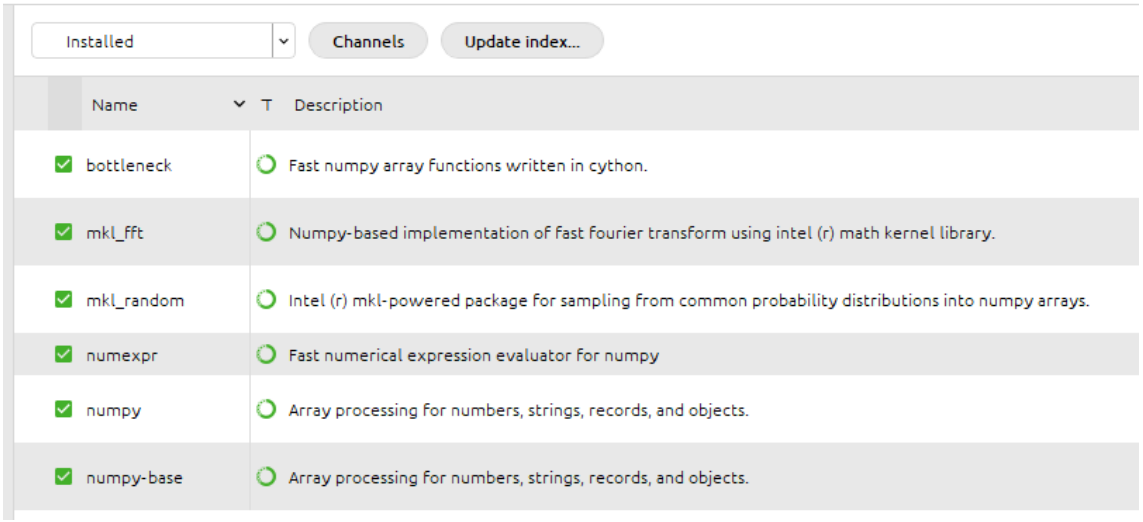
Exercici 1

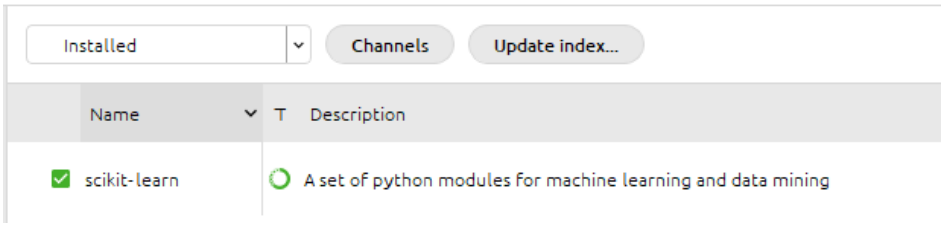


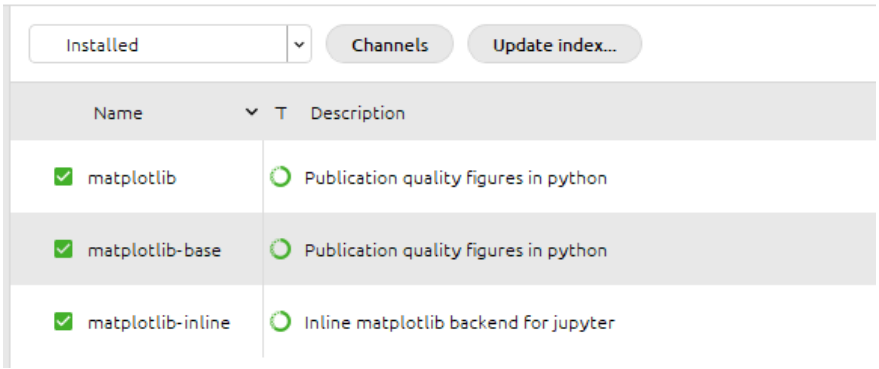


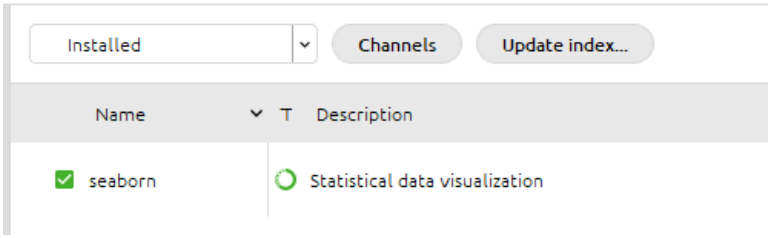
Exercici 2

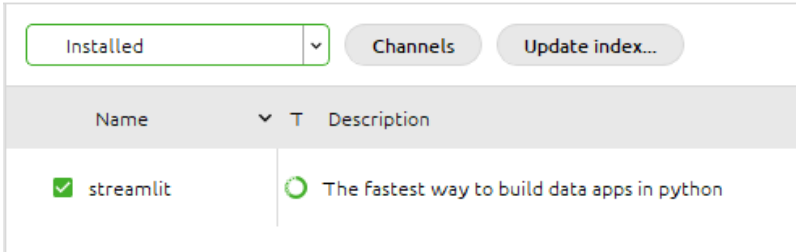



Installed
Channels
Update index...
Name
T
Description
bottleneck
Fast numpy array functions written in cython.
mkl_fft
Numpy-based implementation of fast fourier transform using intel (r) math kernel library.
mkl_random
Intel (r) mkl-powered package for sampling from common probability distributions into numpy arrays.
numexpr
Fast numerical expression evaluator for numpy
numpy
Array processing for numbers, strings, records, and objects.
numpy-base
Array processing for numbers, strings, records, and objects.

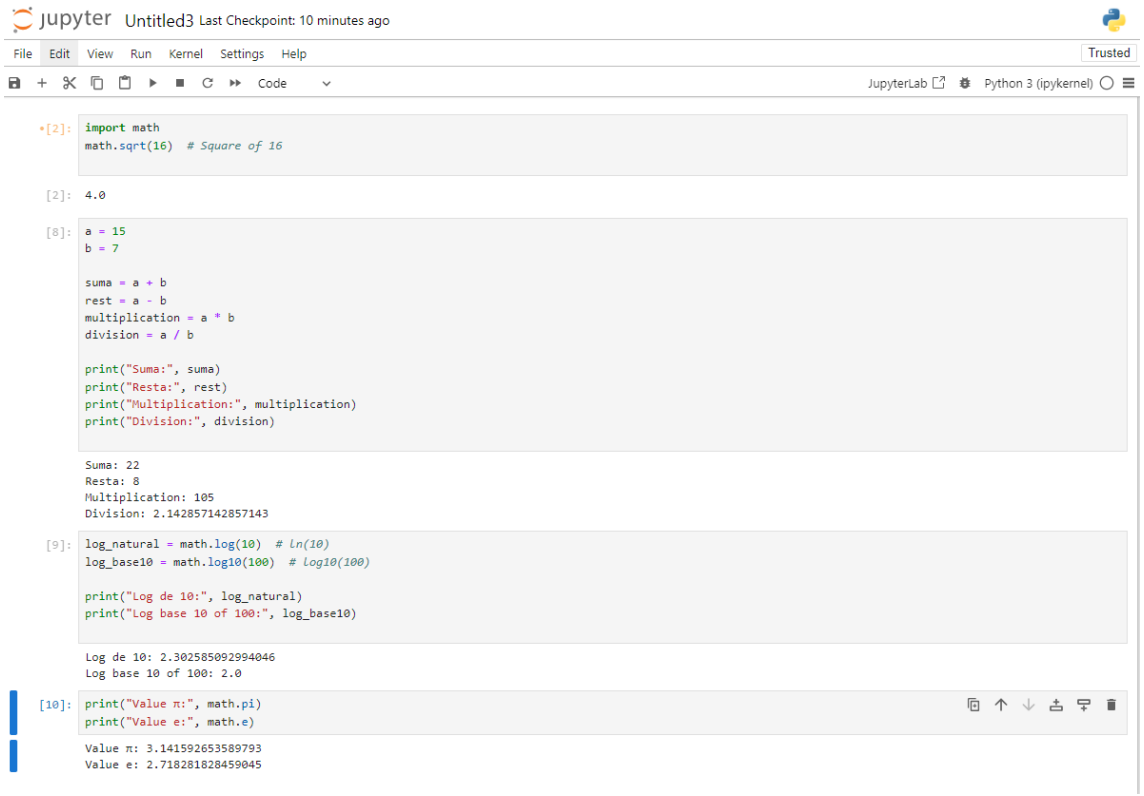

Installed
Channels
Update index...
Name
T
Description
scikit-learn
A set of python modules for machine learning and data mining


Installed
Channels
Update index...
Name
T
Description
matplotlib
Publication quality figures in python
matplotlib-base
Publication quality figures in python
matplotlib-inline
Inline matplotlib backend for jupyter

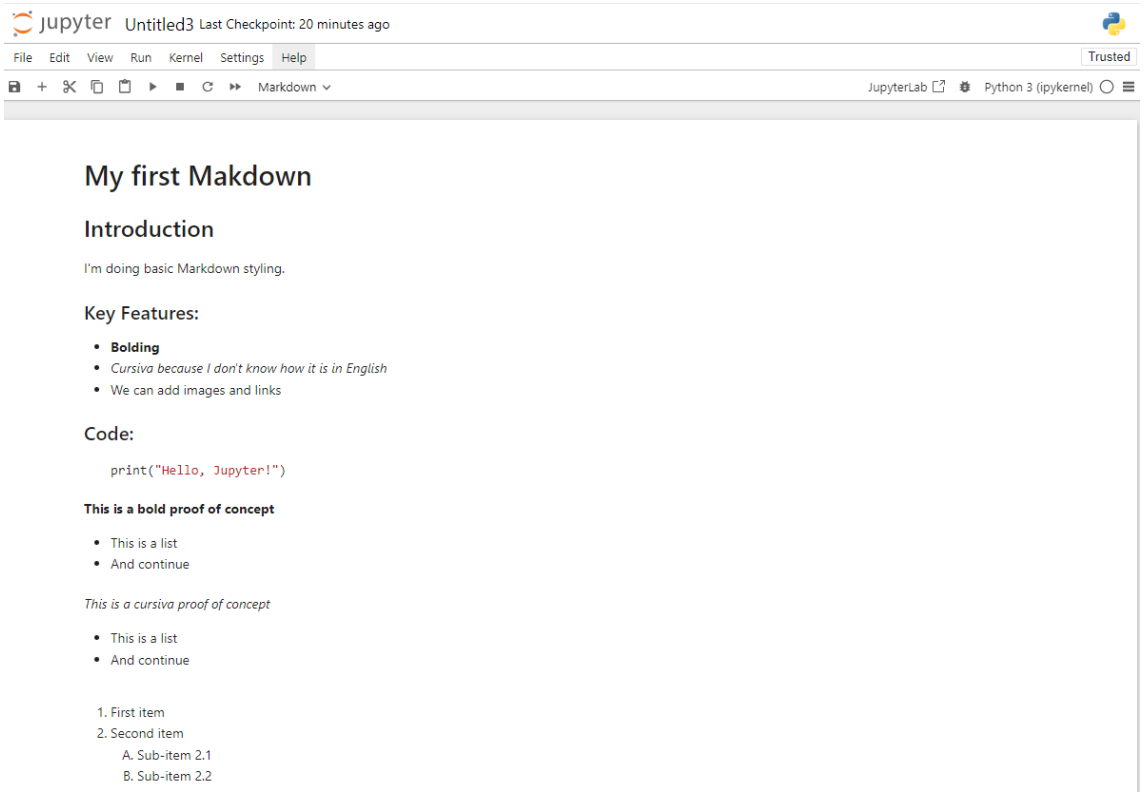

Installed
Channels
Update index...
Name
T
Description
seaborn
Statistical data visualization

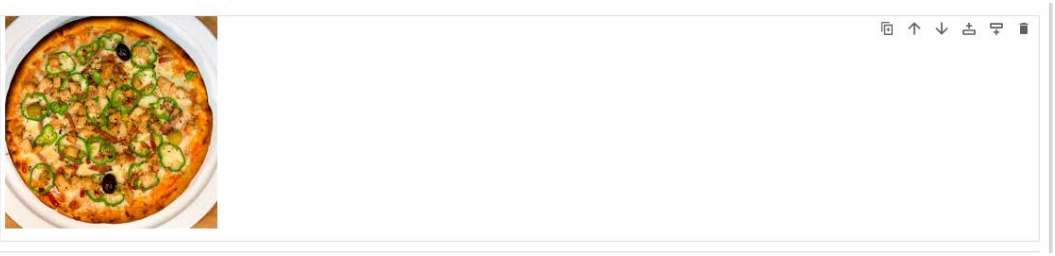

Installed
Channels
Update index...
Name
T
Description
streamlit
The fastest way to build data apps in python

Exercici 3

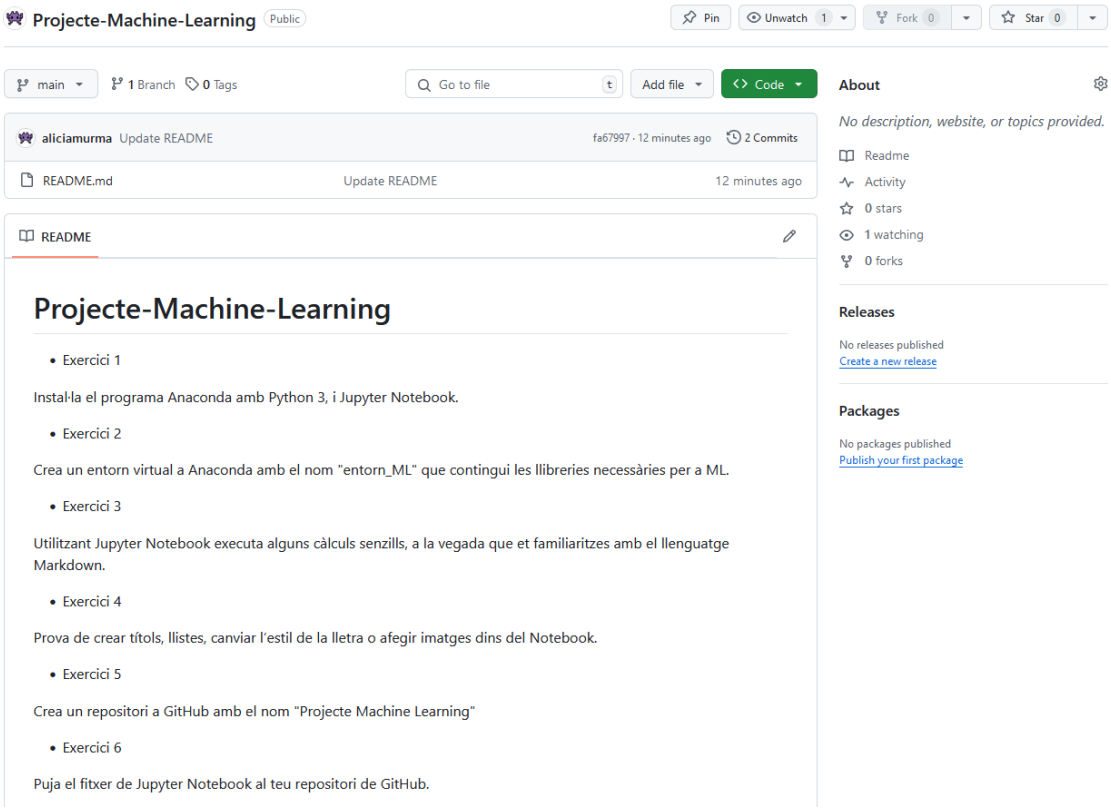

jupyter Untitled3 Last Checkpoint: 10 minutes ago
File Edit View Run Kernel Settings Help
Trusted
Code
JupyterLab
Python 3 (ipykernel)
[2]:
import math
math.sqrt(16) # Square of 16
[2]:
4.0
[8]:
a = 15
b = 7
suma = a + b
rest = a - b
multiplication = a * b
division = a / b
print("Suma:", suma)
print("Resta:", rest)
print("Multiplication:", multiplication)
print("Division:", division)
Suma: 22
Resta: 8
Multiplication: 105
Division: 2.142857142857143
[9]:
log_natural = math.log(10) # ln(10)
log_base10 = math.log10(100) # log10(100)
print("Log de 10:", log_natural)
print("Log base 10 of 100:", log_base10)
Log de 10: 2.302585092994046
Log base 10 of 100: 2.0
[10]:
print("Value π:", math.pi)
print("Value e:", math.e)
Value π: 3.141592653589793
Value e: 2.718281828459045

Exercici 4


jupyter Untitled3 Last Checkpoint: 20 minutes ago
File Edit View Run Kernel Settings Help
Trusted
Markdown
JupyterLab
Python 3 (ipykernel)
My first Makdown
Introduction
I'm doing basic Markdown styling.
Key Features:
Bolding
Cursiva because I don't know how it is in English
We can add images and links
Code:
print("Hello, Jupyter!")
This is a bold proof of concept
This is a list
And continue
This is a cursiva proof of concept
This is a list
And continue
1. First item
2. Second item
A. Sub-item 2.1
B. Sub-item 2.2



Exercici 5



Exercici 6