

# Lista 1

## Usando Netron



## Files



- bin
- boot
- content
  - sample\_data

- First\_NN\_1L.h5

- First\_NN\_2L.h5

- datalab

- dev

- etc

- home

- lib

- lib32

- lib64

- media

- mnt

- opt

- proc

- root

- run



Disk 69.18 GB available

+ Code + Text



RAM

Disk



Editing



```
3 layer1_b1 = (my_layer_1.get_weights()[1][0])
4 layer1_b2 = (my_layer_1.get_weights()[1][1])
5
6 layer2_w1 = (my_layer_2.get_weights()[0][0])
7 layer2_w2 = (my_layer_2.get_weights()[0][1])
8 layer2_b = (my_layer_2.get_weights()[1][0])
```

```
[42] 1 value_to_predict = 10.0
```

Download

Rename file

Delete file

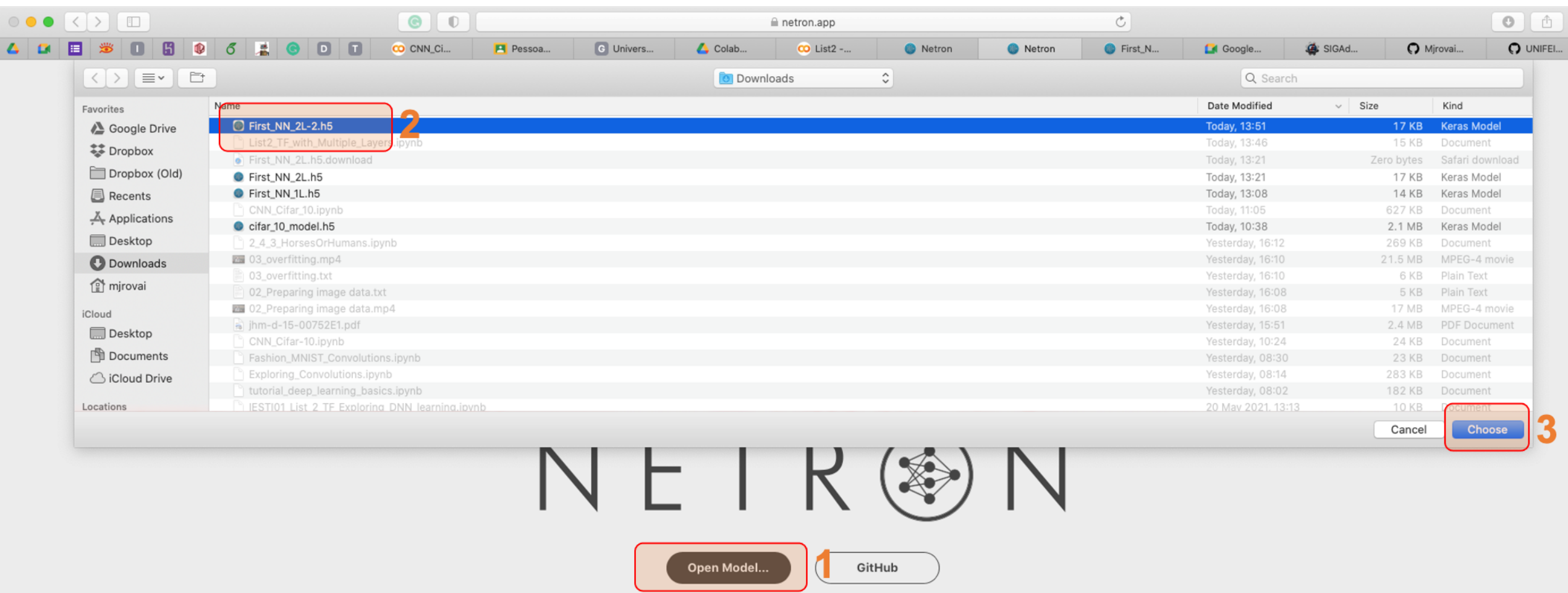
Copy path

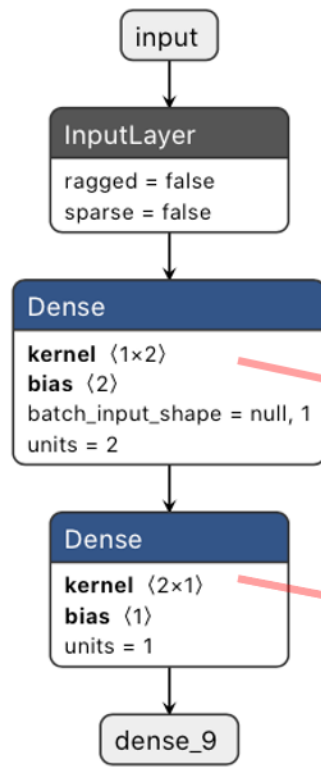
Refresh

```
[18.999994]
```

```
[34] 1 model.save('First_NN_2L.h5')
```

Inspecting Model with [Netron](#)





NODE PROPERTIES	
type	Dense ?
name	dense_8
ATTRIBUTES	
activation	linear
batch_input_shape	null, 1
bias_initializer	Zeros()
dtype	float32
kernel_initializer	GlorotUniform("GlorotUniform")
trainable	true +
units	2
use_bias	true +
INPUTS	
input	name: dense_8_input
kernel	name: dense_8/kernel:0 kind: Weights type: float32[1, 2] [ [ -0.25261422991752625, 1.3984253406524658 ] ]
bias	name: dense_8/bias:0 kind: Weights type: float32[2] [

NODE PROPERTIES	
type	Dense
name	dense_9
ATTRIBUTES	
activation	linear
bias_initializer	Zeros()
dtype	float32
kernel_initializer	GlorotUniform("GlorotUniform")
trainable	true
units	1
use_bias	true
INPUTS	
input	name: dense_8
kernel	name: dense_9/kernel:0 kind: Weights type: float32[2, 1] [ [ 0.32969531416893005 ], [ 1.4897363185882568 ] ]
bias	name: dense_9/bias:0 kind: Weights type: float32[1] [