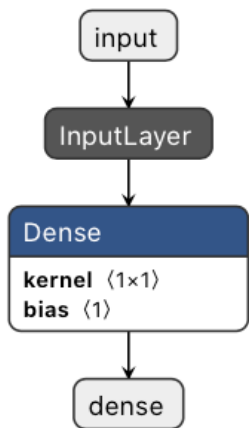


Lista 2

Usando Netron



NODE PROPERTIES



type	Dense	?
name	dense	

ATTRIBUTES

activation	linear	
batch_input_shape	null, 1	
bias_initializer	Zeros()	
dtype	float32	
kernel_initializer	GlorotUniform("GlorotUniform")	
trainable	true	+
units	1	
use_bias	true	+

INPUTS

input	name: dense_input
kernel	name: dense/kernel:0 kind: Weights type: float32[1,1] [[1.9976991415023804]]
bias	name: dense/bias:0 kind: Weights type: float32[1] [-0.9928666949272156]

OUTPUTS

output	name: dense
--------	--------------------



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

+ 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

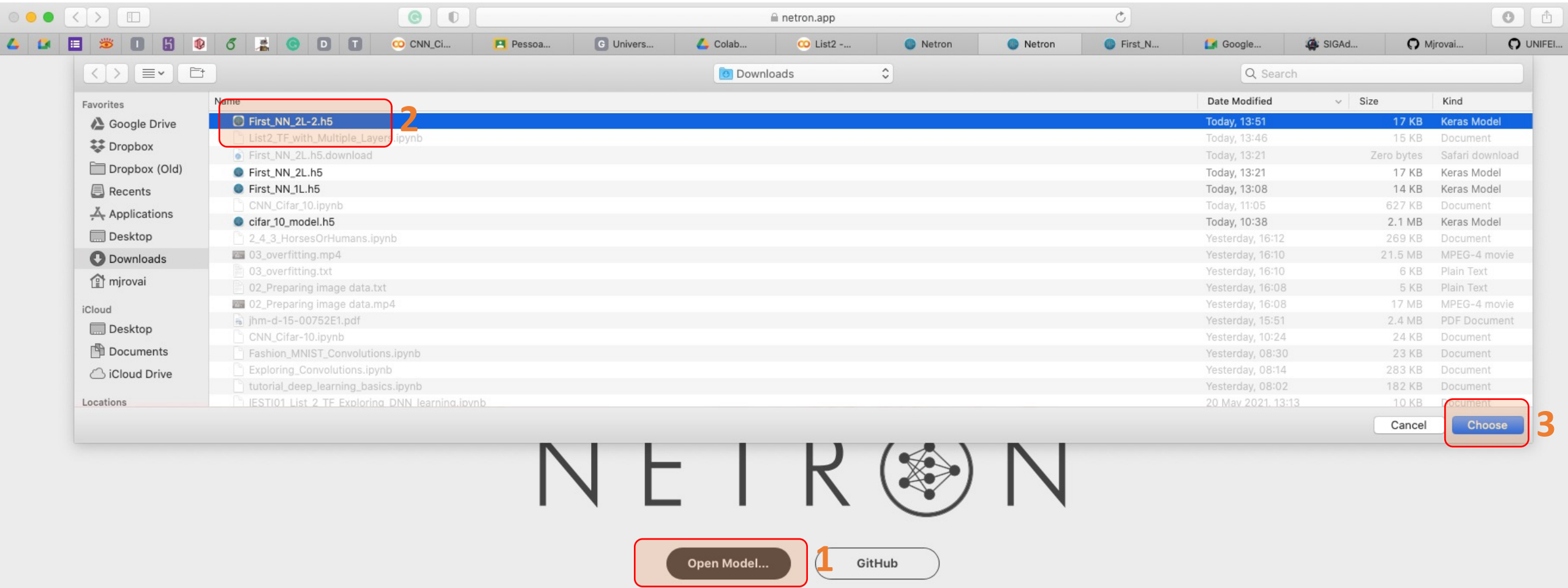
```
3 out = (layer1_w1 * value_to_predict) + layer1_b1
4 out = (layer1_w2 * value_to_predict) + layer1_b2
5
6 out = (layer2_w1 * neuron1_output) + (layer2_w2 * neuron2_output) + layer2_b
7
8 out3_output)
```

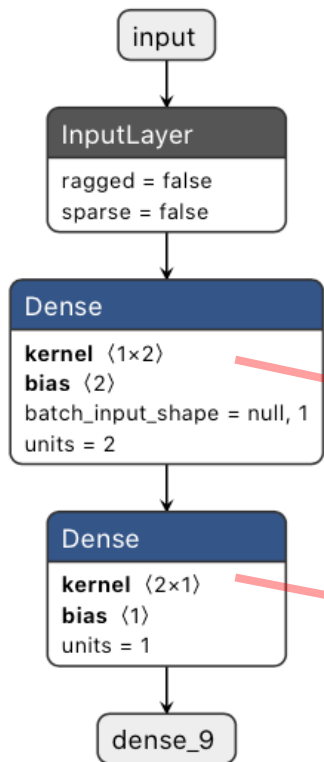
```
[18.999994]
```

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

Inspecting Model with [Netron](#)

Disk 69.18 GB available





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] [-0.03034859523177147, -0.4828002452850342]

OUTPUTS

output	name: dense_8
--------	---------------

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] [-0.2707477807998657]

OUTPUTS

output	name: dense_9
--------	---------------