OUR WORKSHOP MENU

1. Import all required packages

2. Download image dataset

3. Split dataset into Training set and Validation set for auto generating labels

4. Build machine learning sequential model

5. Preparing the food (datasets) for model

6. Feed model with the food for training

7. Analyze the model

8. Taste the cooked well model

Chief's Recipe

Image Matrix

105	102	100
103	99	103
101	98	104
99	101	106
104	104	104

97 96
101 102
102 100 0
0 -1 -1
-1 5 0
0 -1 0

Kernel Matrix

-89

Output Matrix

x_1

x_2

x_3

+1

Layer L_1

+1

Layer L_2

$a_1^{(2)}$

$a_2^{(2)}$

$a_3^{(2)}$

$h_{W,b}(x)$

Layer L_3