

Challenge



The Dataset

- Does this image contains a fire?
- Binary classification

Tasks

1. Load the data

- a. Decoding [JPEG](#)
 - i. `torchvision.datasets.ImageFolder`
- b. Augmentation?
- c. Pre-processing?

2. Create a model

- a. Exploit the characteristics of the data
- b. Formulate and try many hypothesis

3. Train it

- a. Loss
- b. Regularization
- c. Optimize hyper-parameters

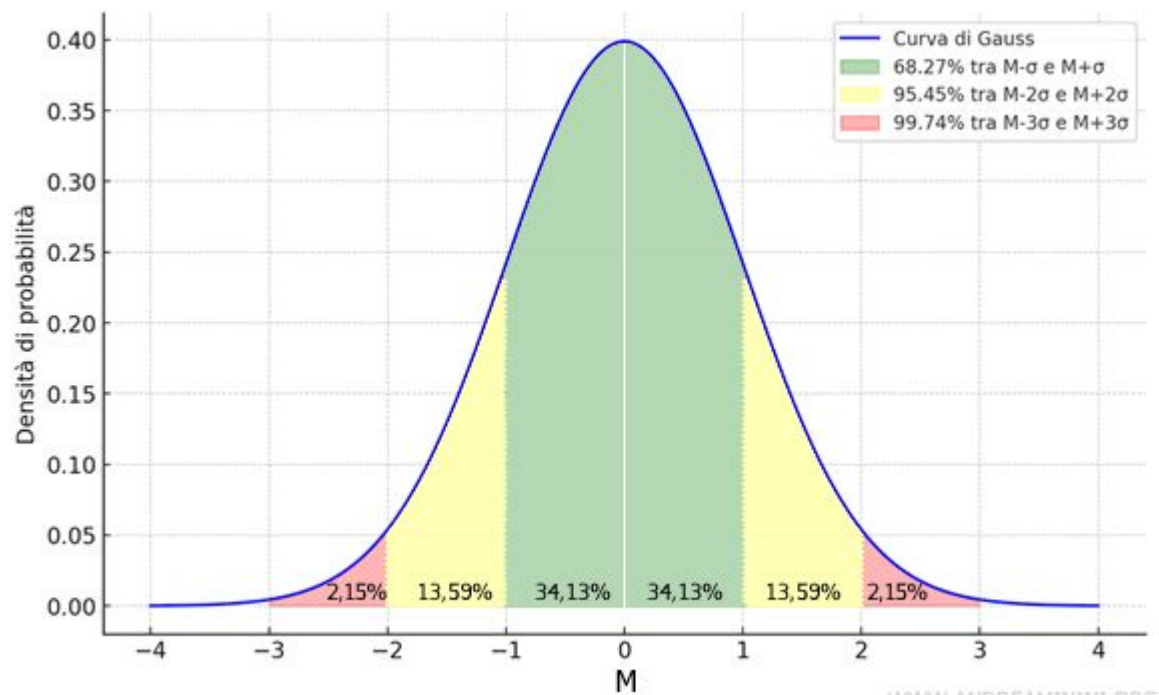
Delivery and Evaluation

- Part of the dataset is unlabeled
 - You are going to give us the a binary array where 0 is fire not present and 1 fire present
- Compile a WEB form
 - Report in PDF (LaTeX article document class is greatly appreciated)
 - Classification(CSV)
 - A URL to your git repository
 - Matricolas of the members of the group

E.g.

id	class
3.jpg	0

Credit Assignment



The Dataset

challenge