Dataset on Google Drive:

<https://drive.google.com/drive/folders/1msZEkaBNz9Iuyv6guEkNnpe9lV6jExTR>

<https://www.kaggle.com/datasets/phylake1337/fire-dataset>

Steps:

1. The first step is to use a simple method (CNN as the first try) to classify the fire and non fire detection.
2. We propose some colour analysis including histogram, converting to GrayScale, and some thing like that. We aims to include these analysis to get a more accurate model. Make some comparison with the first one.
3. We should also include some reflections(and hypothesis) about what will happen.
4. The second step is to use a DNN method (CNN) to detect the fire on Fire dataset
5. Future work could be prediction by stitching the images (we can describe what we have in mind at least)