



Deep Learning project

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## Introduction

wildfire conditions are becoming more extreme and increasingly reflect rising global temperatures.



### Goals

 Help our Government especially General Directorate of Civil Defense in Rapid detection of forest fire to reduce casualties and property losses.

- Doing a fire warning alert if the live camera see the fire.





# Workflow

01 **Load Data** 

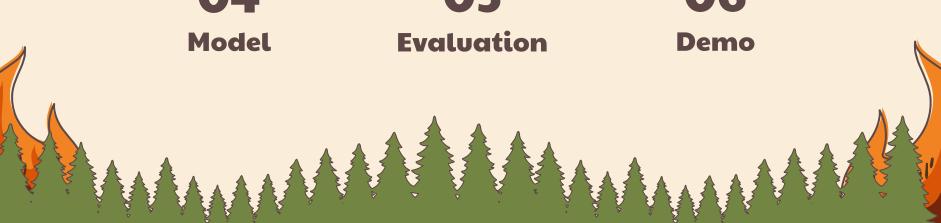
02 **Process image** 

03 **Split Data** 

04

05

06



## Dataset

Data contains 5050 images of Fire and Non Fire combined.







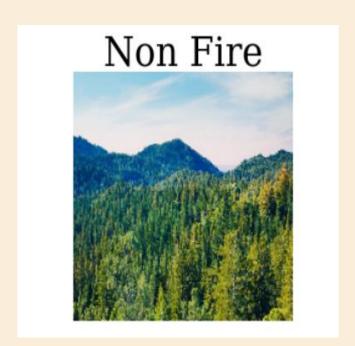


#### Results

50 Epoch	Accuracy	Loss	
Train	0.937	0.168	33
Test	0.945	O.155	

#### **Predict Results**







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# Demo



#### **Future Work**

