

1. PROJECT TITLE

-- PyTorch Mushroom Image Classification

2. PROJECT DESCRIPTION

Extracting Training Images From Video Frames to Classify Mushrooms with PyTorch.

3. SET UP

1-- Load files listed below into the same contents folder and make a note of the directory path leading to this contents folder.

2-- Remove file, "holder_file.txt" from test folder (**) and fungi_dataset folder (***)

3-- Move all (*) folders into test folder (**). Each (*) folder contains 25 test images.

4-- Move test folder (**) into fungi_dataset folder (***)

5-- Resulting directory set-up should be as shown below in 4.)

4. PROJECT FOLDER CONTENTS

-- This README.pdf file.

-- PyTorch_Mushroom_Image_Classification.ipynb

-- PyTorch_Mushroom_Image_Classification.html

-- amanita_muscaria.mp4

-- calocera_viscosa.mp4

-- clathrus_ruber.mp4

-- coprinus_comatus.mp4

-- favolaschia_calocera.mp4

-- ganoderma_lucidum.mp4

-- laetiporus_sulphureus.mp4

-- morchella_esculenta.mp4

-- phallus_indusiatus.mp4

-- Pics folder

-- fungi_dataset folder (***)

-- test folder (**)

-- amanita_muscaria (*)

-- calocera_viscosa (*)

-- clathrus_ruber (*)

-- coprinus_comatus (*)

-- favolaschia_calocera (*)

-- ganoderma_lucidum (*)

-- laetiporus_sulphureus (*)

-- morchella_esculenta (*)

-- phallus_indusiatus (*)

-- train folder (empty, will be populated by code)

-- amanita_muscaria

-- calocera_viscosa

-- clathrus_ruber

-- coprinus_comatus

-- favolaschia_calocera

-- ganoderma_lucidum

-- laetiporus_sulphureus

-- morchella_esculenta

-- phallus_indusiatus