The following code has been made by Batch 1.

**Introduction**

In the start of the code, we have been installing the required dependencies, specifying the folder.

After that we have downloaded the YOLO v5 repository as we are using YOLO for our code because it is fast.

**Instruction**

First we have get to the folder where we have to set the model

Then we have installed all the necessary dependencies and

like yolov5 repository from github and installed pytorch and all the necessary dependencies.

We have labelled all the image in labelImg then we prepare it in the appropriate format

in a website called app.roboflow.

It take a labelled pascalVOC format images and convert it into yolo format.

And there we can do all the train and test splitting etc.

Our teammate had done some mistake that they have done labelling incorrectly that some one has named blackspot someone darkspot some puffyeye some puffyeyes therefore it has decreased the efficiency a lot.

Then we had define the configuration and architecture of our yolo model.

Then we had trained our yolo model.we have trained it three times first with 20 steps/epochs,100 steps/epochs ,1000 steps/epochs and 2000 steps/epochs.

Now we have analysed our model with tensor board and result.png files and we are getting positive result.

then we had test with data and i was not so accurate but it was working we have to increase epochs more then 20000 and increase no of images with proper labelling.

But we are able to predict winkle blackspot and puffy eye etc.

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