Deliverable 3

Final Training Result

For my final training, I got a validation accuracy of ____ and a training accuracy of ____. Compared to my preliminary results, it is a little bit better. I have changed the size of my images from (512,512,3) to (128,128,3). The previous size took very long to train, and it was very time consuming and inefficient. Moreover, I did data augmentation on my dataset as it would help improve the accuracy of the model on new data since it feeds more different images to the model.

I got a precision of ____ with a logistic loss of ____.

Application

For my final product, I will be showing on a website some predictions on images. As I am new to web development, I chose something simple to start with. Eventually, I might do something more advanced. I will use the flask framework to deploy my model on the website. I will listen to some online tutorials about how to implement a flask framework and also how to showcase a CNN model for image classification on a website.