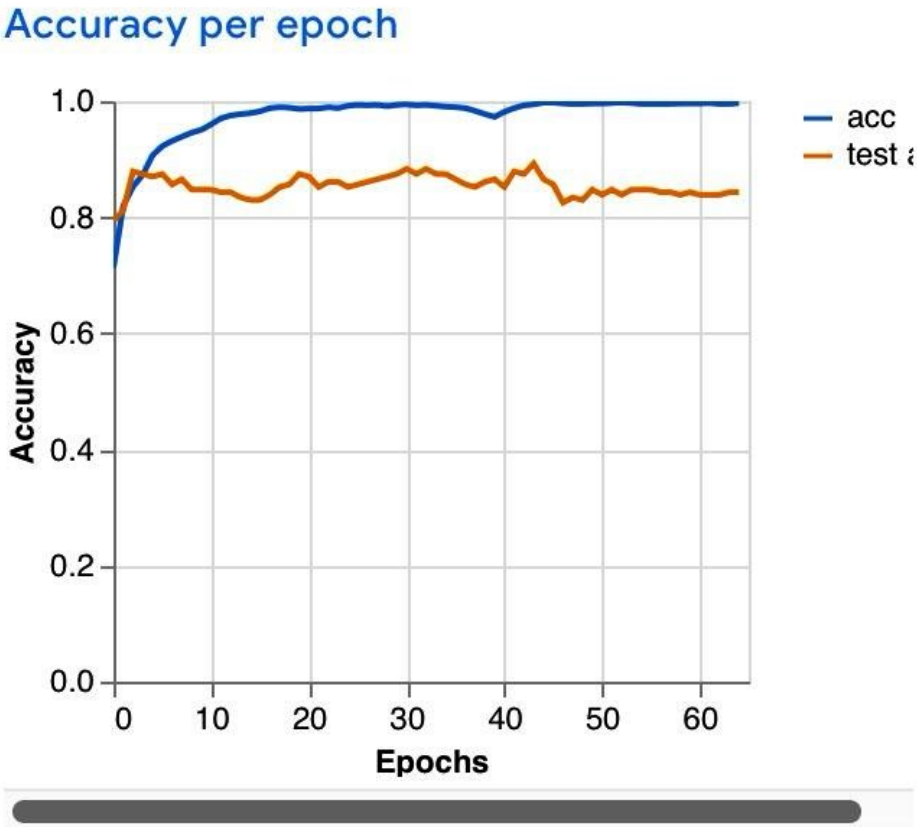
ACCURACY OF THE TRAINED ML MODEL



Summary of the content

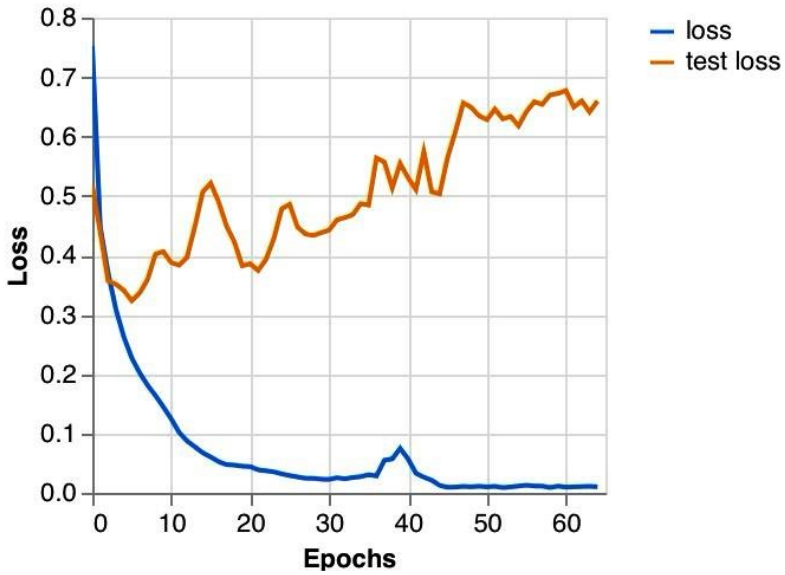
1. **The model has a accuracy of 79.2% on all of the class.**
2. **Since the model is not iterated through more samples (212 samples as of now) there is still room for improvement.**
3. **Upon feeding more data over time, the accuracy can be increased.**
4. **Increasing the epoch can decrease the loss.**

Accuracy per class

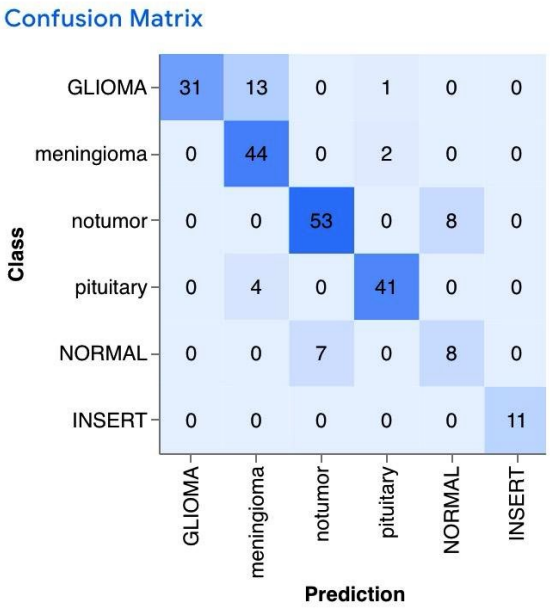
CLASS	ACCURACY	# SAMPLES
GLIOMA	0.69	45
meningioma	0.96	46
notumor	0.87	61
pituitary	0.91	45
NORMAL	0.53	15

Accuracy is the percentage of classifications that a model gets right during training. If your model classifies 70 samples right out of 100, the accuracy is 70 / 100 = 0.7.

Loss per epoch



Loss is a measure for evaluating how well a model has learned to predict the right classifications for a given set of samples. If the model's predictions are perfect, the loss is zero; otherwise, the loss is greater than zero.



A confusion matrix summarizes how accurate your model's predictions are. one can use this matrix to figure out which classes the model gets confused about. The y axis (Class) represents the pit class of your samples. The x axis (Prediction) represents the class that the model, after learning