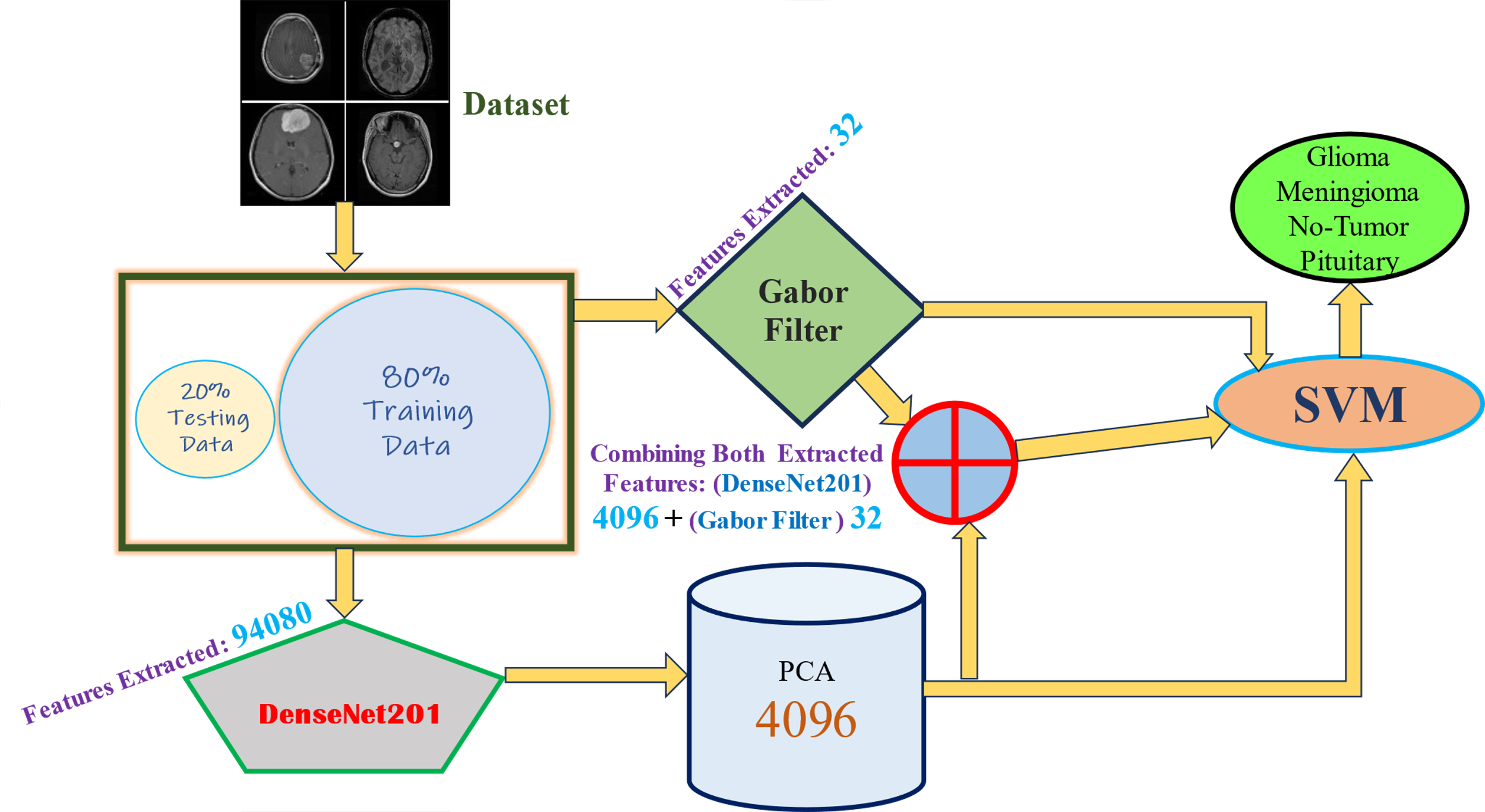
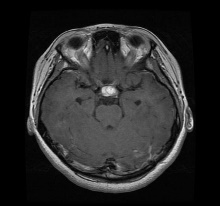
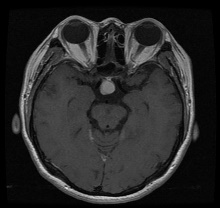
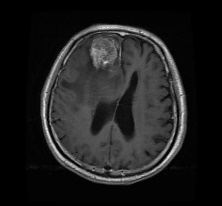
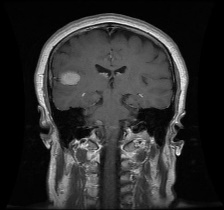
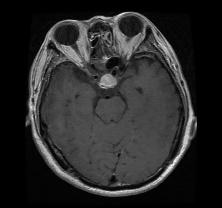
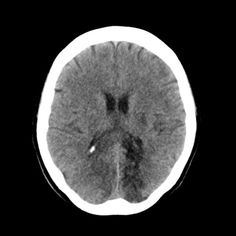
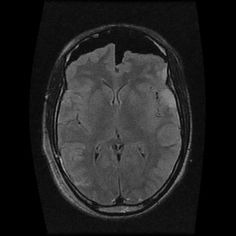
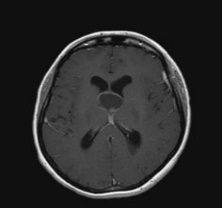
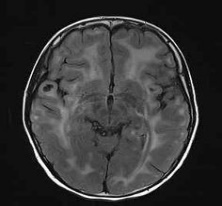
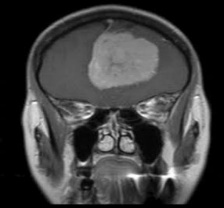
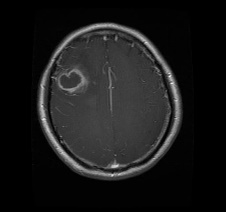
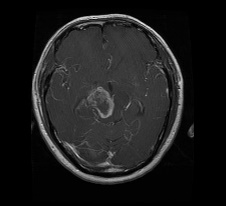
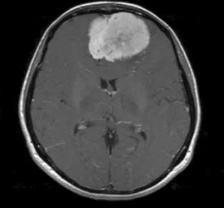
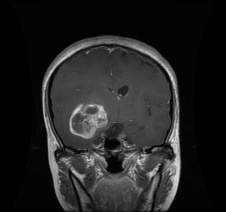
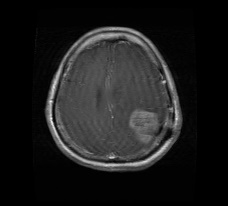


**Figure 1: Brain Tumor Sites [4]**



**Figure 2: Experimental Design.**



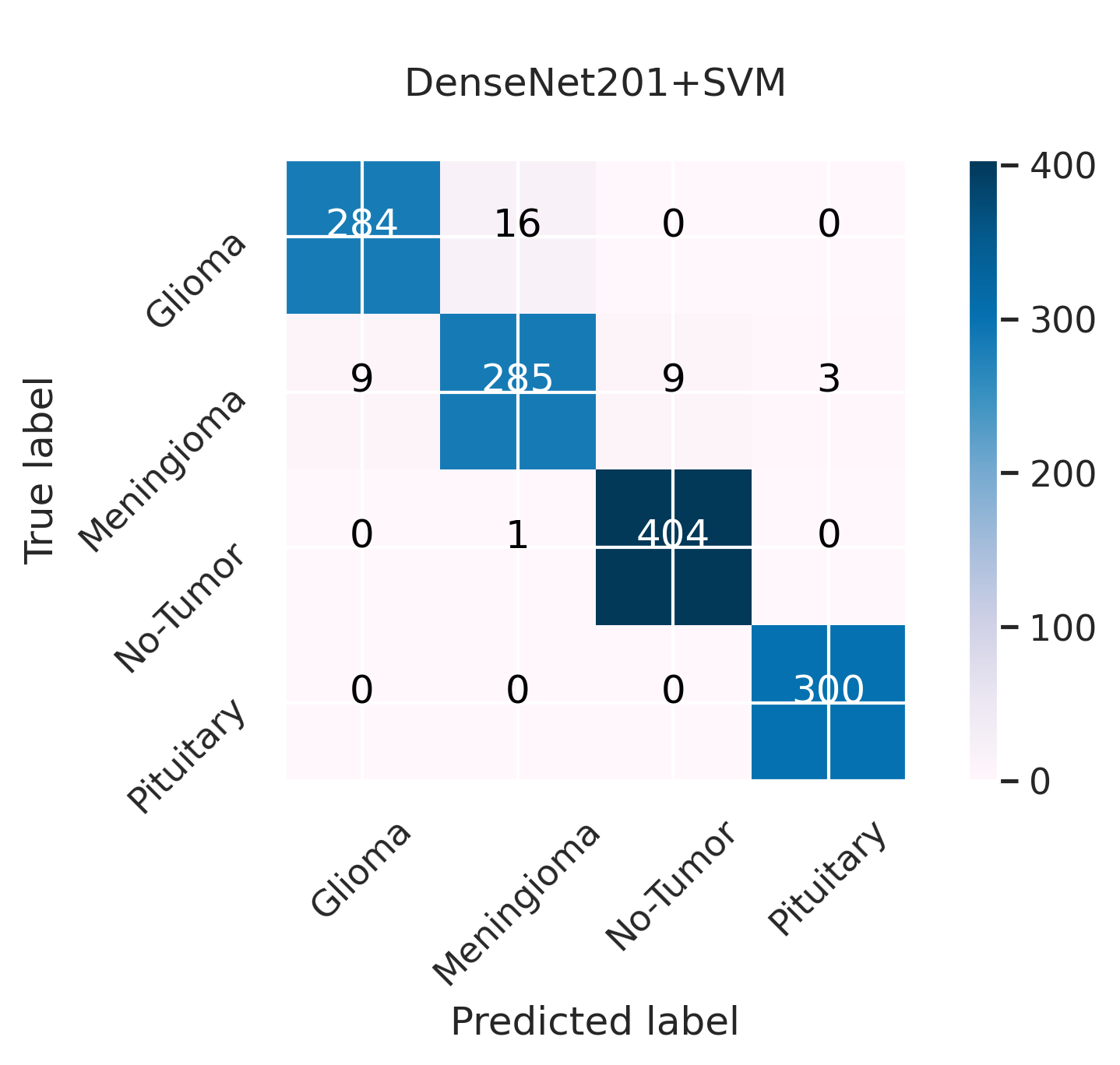
Glioma

Meningioma

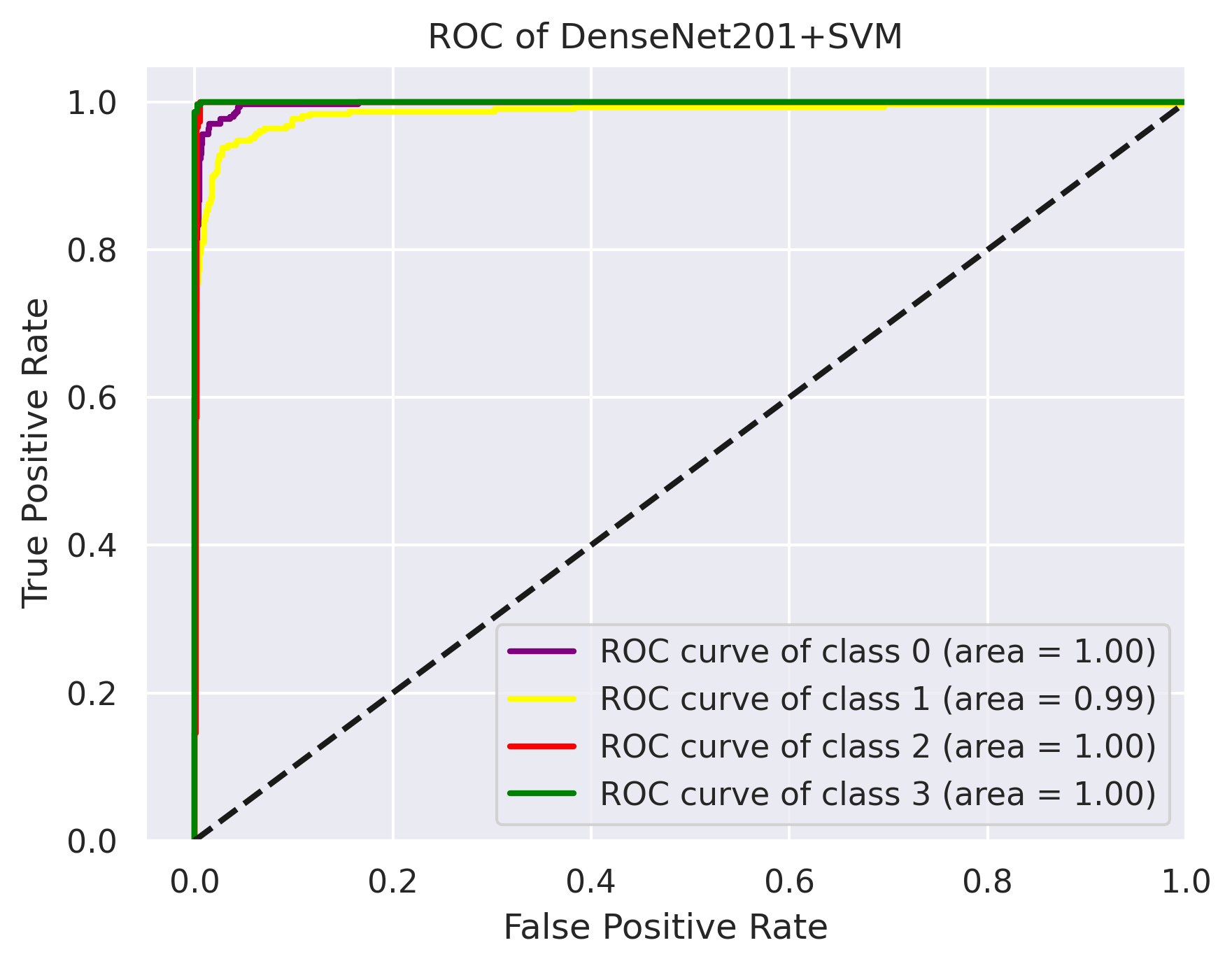
No-Tumor

Pituitary

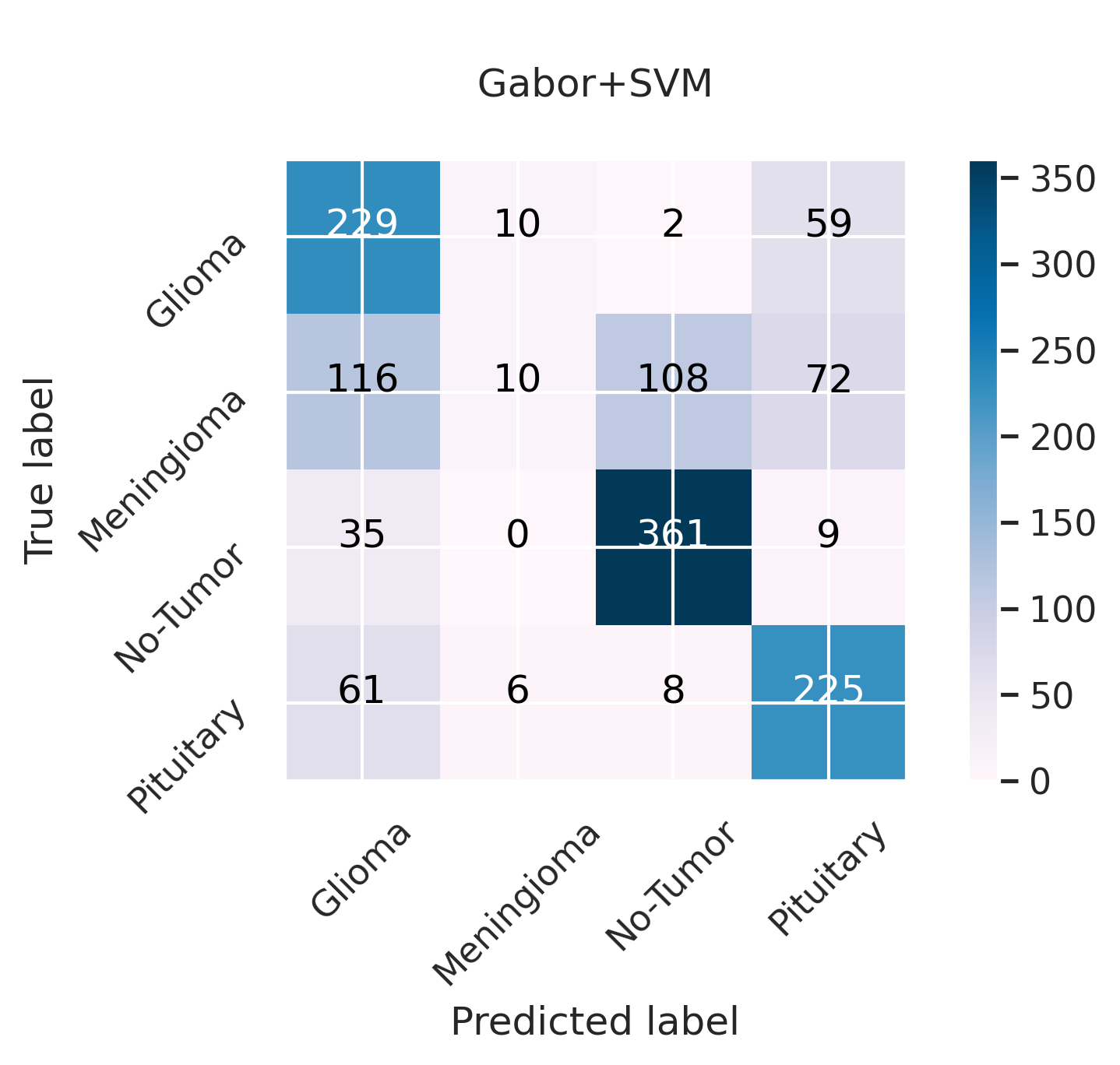
**Figure 3: Kaggle's MRI dataset**



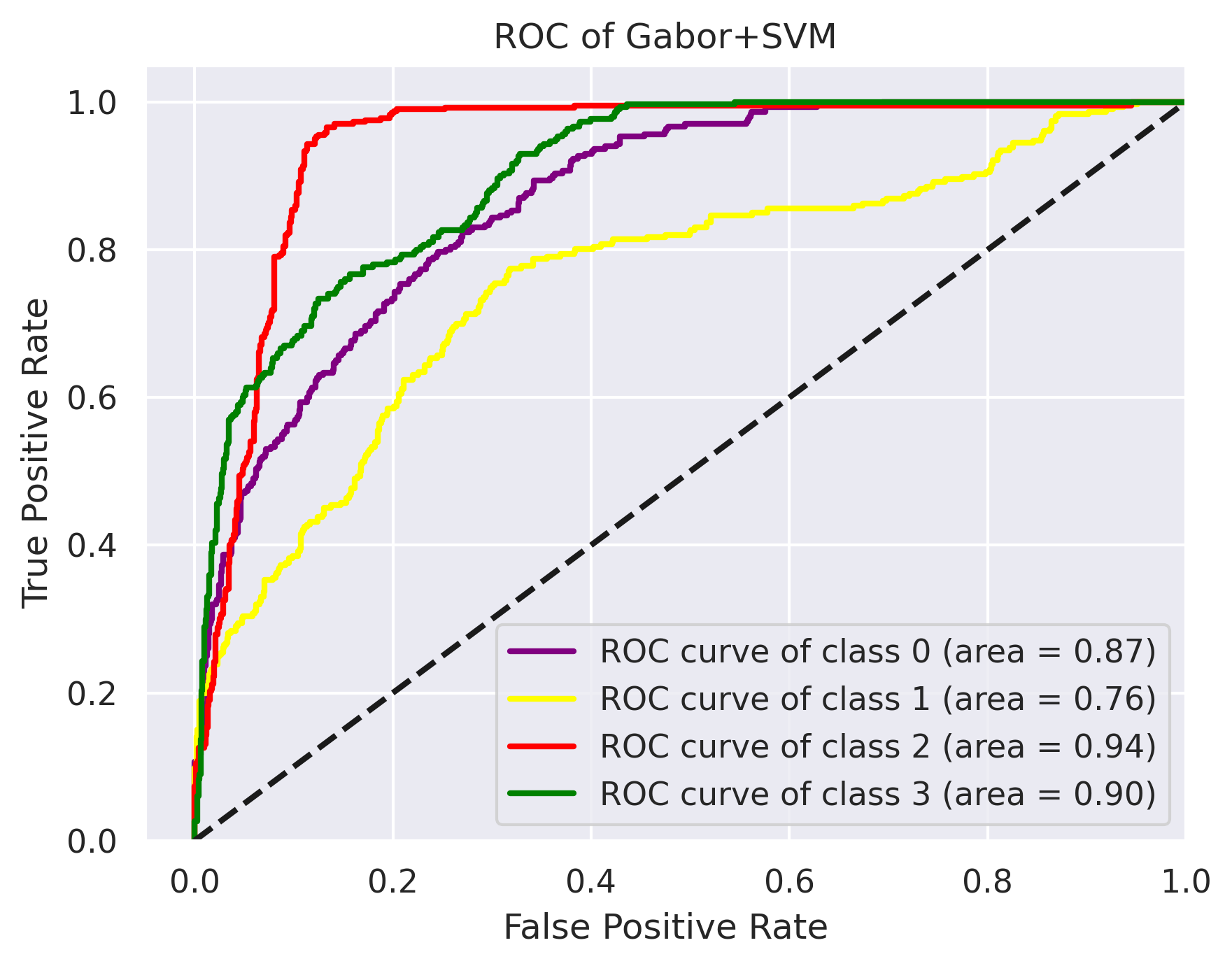
**Figure 4: SVM CM using DenseNet201**



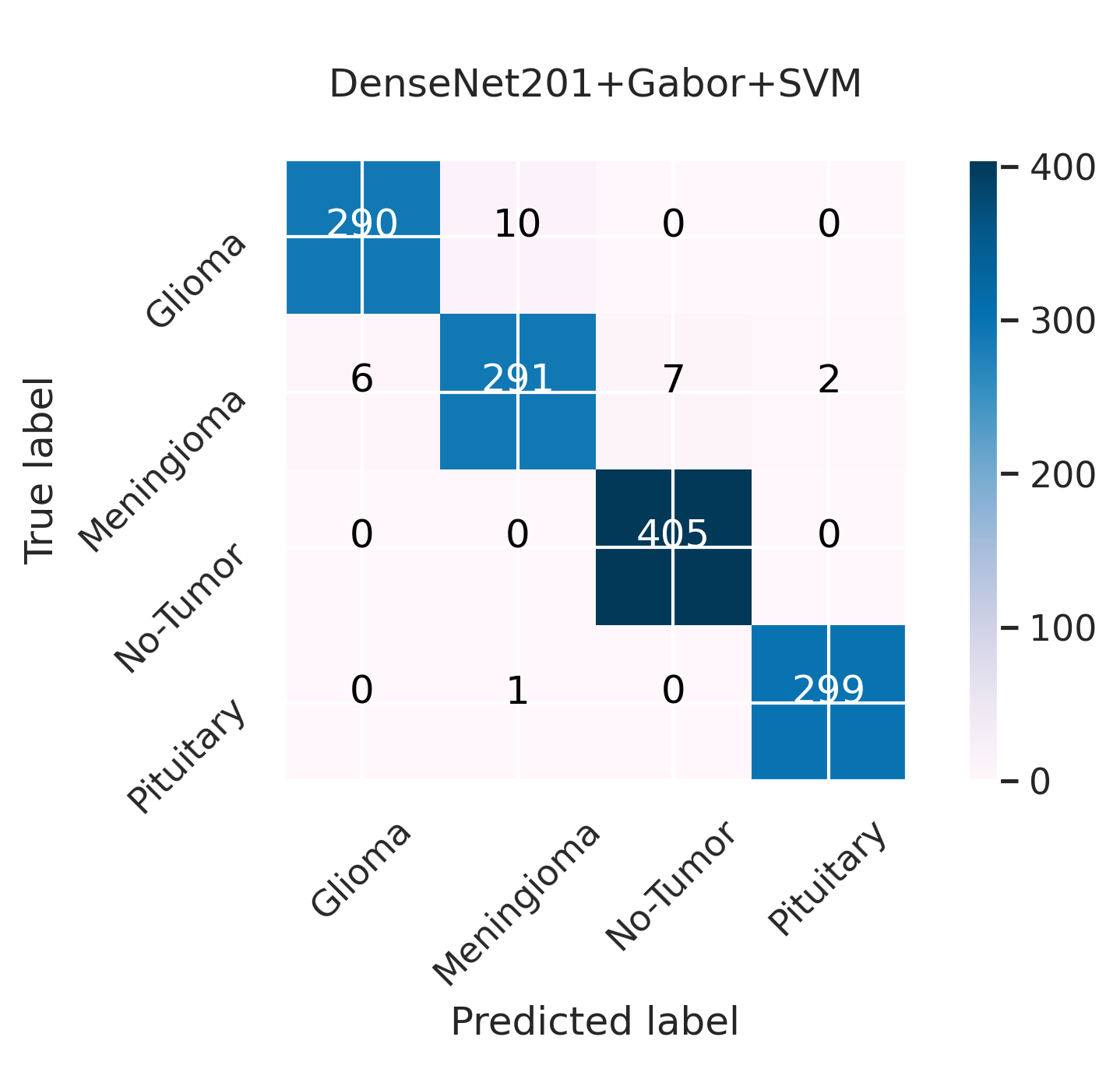
**Figure 5: SVM ROC using DenseNet201**



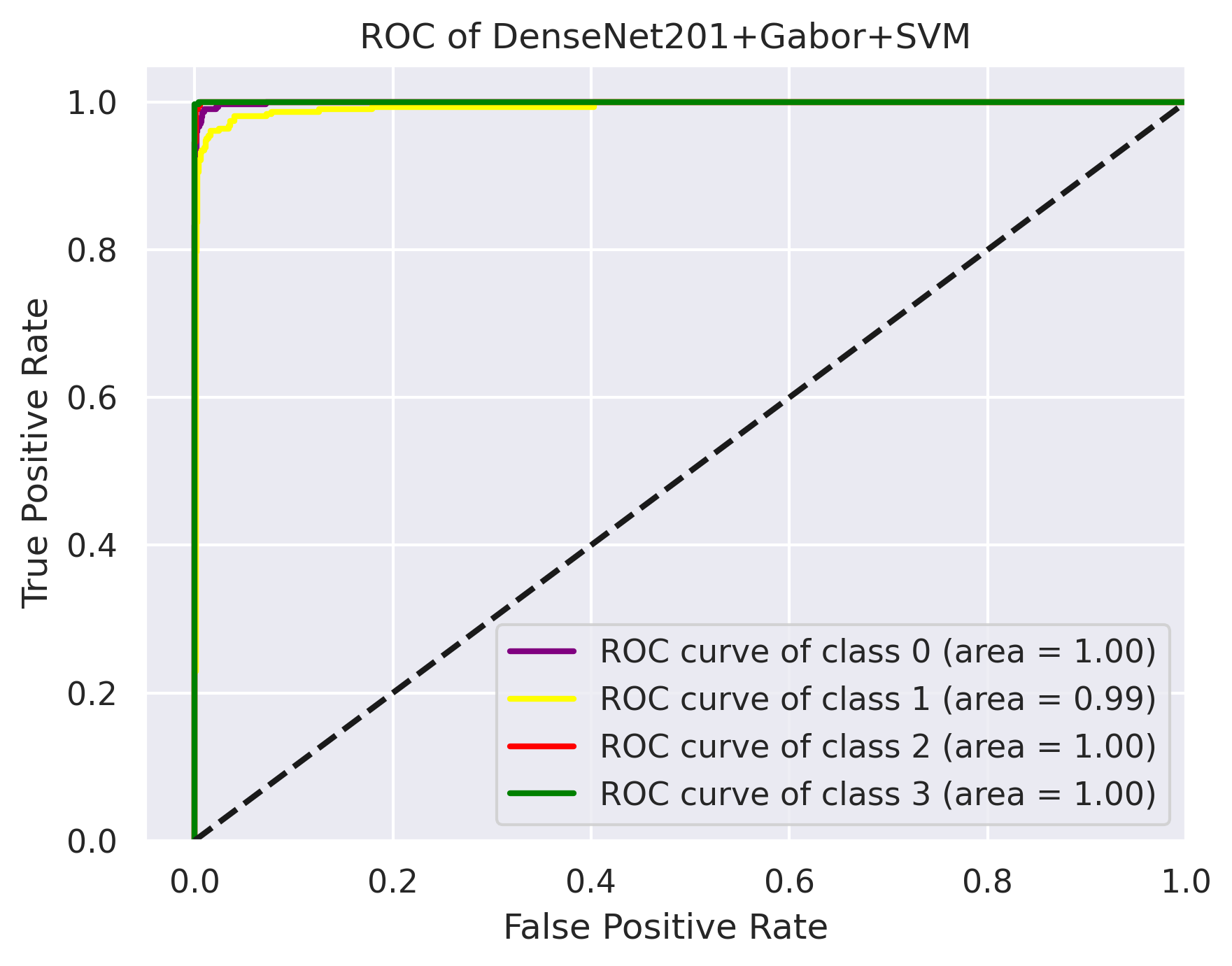
**Figure 6: Gabor+SVM's CM**



**Figure 7: ROC Curve for Gabor+SVM**



**Figure 8: CM of SVM for DenseNet201 Combined Features with Gabor Filter**



**Figure 9: ROC Curve of SVM for Combined DenseNet201 and Gabor Filter Features.**

**Figure 10: Assessing the Developed Model's Performance**

**Figure 11: Evaluating This Work in Light of the Past**