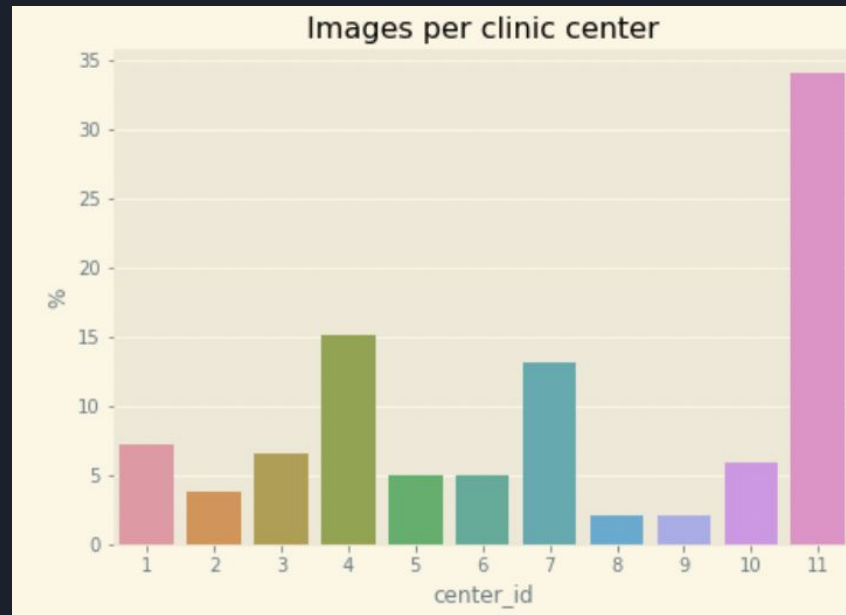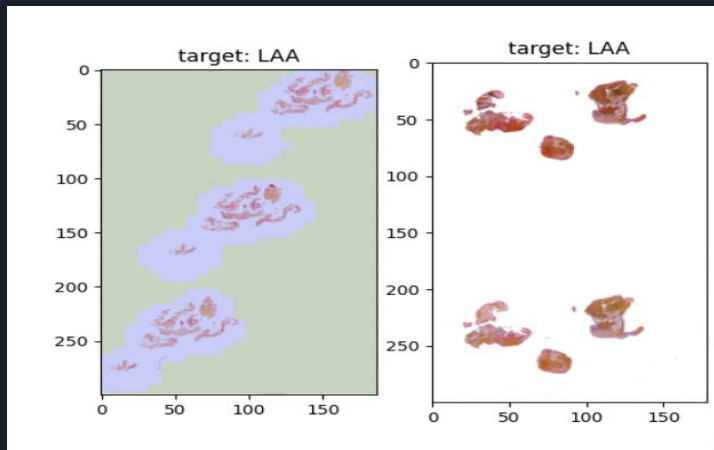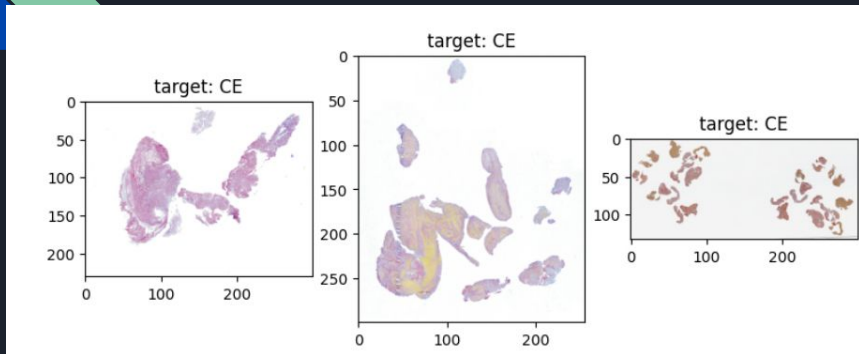# Stroke Classification

Safwan Islam and Tahmid Awal

Previous Solutions

- Doctors traditionally scrutinize scans manually
- The emphasis lies on the ongoing enhancement of current deep learning solutions.
- Our goal is to leverage the Mayo Clinic STRIP stroke dataset to further this cause by creating an improved deep learning model
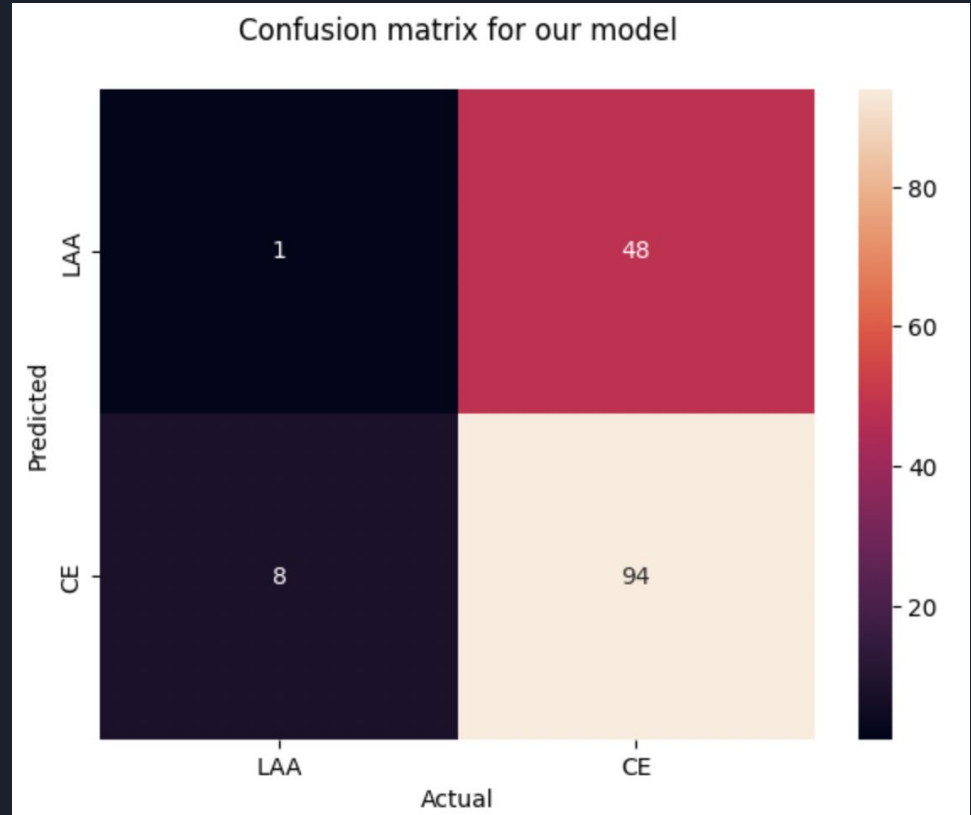
Dataset

Proposed Method

Create a DENSE CNN to classify the image
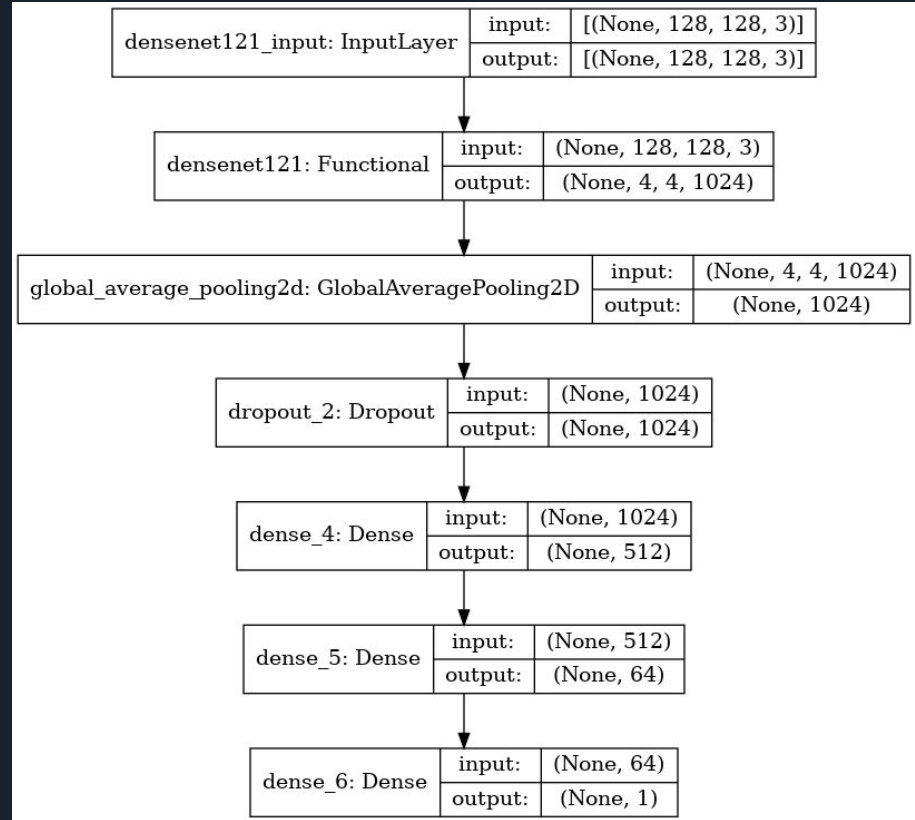
Evaluation Method and Results

- F1 Score - 76.8%
- Accuracy - 62.9%
- Confusion Matrix

Confusion matrix for our model

Future Improvements

- Try different architectures to achieve better results
- Try to improve and expand the dataset

Github: https://github.com/tahmidawal/Project

Questions?

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Or Slack