**1. What specific questions/problems you will work on for deliverable 2? These should be specific issues from your GitHub repositories (for capstone 1, 2, and SE students). For AI students, these will be specific goals toward your project.**

1. **Data Processing:** This step involves splitting the labelled data into 3 sets (train, test and validation if necessary). After the dataset is spitted for both stroke and non-stroke labels, normalizing the data by applying contours would crop the foreground image i.e., brain. This would enable us to focus on the object of interest and build a better computer vision model. Finally, performing data augmentation steps will incorporate a degree of randomness and more variety in the learning process.
    a. Data Splitting
        i. Train, test, validation datasets
    b. Display contours (Normalization)
    c. Data Augmentation
        i. Rotate
        ii. Rescale
        iii. Flip image
2. **Image Processing:** In this step, train and test data generators will be built which will use the augmented images from the previous step.
    a. Build data generator

**2. How will you demonstrate your success at the end of deliverable 2. At the end of deliverable 2 you will meet with your client, demonstrate your progress, and collect the client's feedback. You will be submitting the feedback you received from the client as your deliverable 2 (this will be in a form of a pdf document).**

The deliverables would be demonstrated by a video recording of the notebook file on Google Colab by displaying live results.