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Project Title: Automated Left Ventricular Segmentation

Time Log From 3/11/2024-3/17/2024

11.5 Hours total

Date	Duration	Type	Description of completed work	Challenges and/or next steps
3/11	3 hours	Coding	Rewrote buggy code that caused the data loader to error because not all MRIs have the same number of manual contour maps	Define the model architecture
3/12	3 hours	Coding and research	Made a class for the UNet. I defined the layers of the model	Define how the data would pass through the model
3/13	2 hours	Coding	I made a method for my UNet class that essentially tells data how to pass through the model	Initialize the model and see if it is able to train on the data
3/14	1 hour	Deliverable	Got about 4 slides done for the slideshow deliverable	
3/15	1 hour 30 minutes	Deliverable	Finished another 4 slides for the deliverable	
3/16	1 hour	Deliverable	Finished the slides and prepared the documents to submit	

This Week's Reflection

Almost past the halfway mark I believe for the project. The making of the model is taking as long as expected. Soon I will be done with making the model and be able to spend some time tuning it and then comparing it to models made by others that is available in the MONAI model zoo.