

Elizabeth - 70	Shaniah - 30
<p>Project Proposal</p> <ul style="list-style-type: none"> <li>About the dataset</li> <li>Project aims and motivations</li> <li>Evaluation metrics and success criteria</li> <li>Helped on introduction</li> <li>Methods plan</li> <li>Edit/added to Pitfalls/Mitigations</li> <li>Added figures and found literature</li> </ul> <p>Presentation</p> <p>UNET slides, FCM slides, Aims slides, added reference page, Supplementary slides, future work, discussion, pipeline diagram slide, class imbalances, selected dataset / general edits</p> <p>Data</p> <ul style="list-style-type: none"> <li>Sourced Cheng 2016 data</li> <li>Helped source benchmark sets</li> </ul> <p>Coding</p> <ul style="list-style-type: none"> <li>UNET (from scratch)</li> <li>Main preprocessing func</li> <li>Worked on FCM+AR (base codes)</li> <li>Helped on svm preprocessing</li> <li>Git repo: organization, readme, requirements.txt, uploaded docs</li> <li>BRaTs_conversion_alg.ipynb</li> <li>class_balancing_alg.ipynb</li> <li>label_removal_alg.ipynb</li> <li>Data augmentation algs</li> </ul> <p>Report</p> <ul style="list-style-type: none"> <li>Background</li> <li>Methods</li> <li>benchmark data descption</li> <li>Exploratory data analysis/ preprocessing/feature extraction/selection section</li> <li>Modeling Choices</li> <li>evaluation metrics section</li> <li>future work and applications</li> <li>conclusion</li> </ul>	<p>Project Spotlight:</p> <ul style="list-style-type: none"> <li>helped source research papers</li> <li>helped develop presentation slide template and outline</li> <li>helped find dataset</li> <li>contributed to general slides as well as slides related to SVM</li> <li>about the dataset slides</li> <li>Problem description and motivation</li> <li>Conclusions</li> </ul> <p>Proposal</p> <ul style="list-style-type: none"> <li>Revised document making suggestions where necessary</li> <li>Contributed to intro</li> <li>Worked on parts related to SVM</li> <li>Added edits and revision to doc</li> <li>Helped source papers</li> </ul> <p>Model Building</p> <ul style="list-style-type: none"> <li>SVM</li> <li>Code to convert nifti and jpeg files to .mat v7.3 files</li> </ul> <p>Final Report</p> <ul style="list-style-type: none"> <li>Helped source benchmark dataset (SARTAJ and downloaded BRaTS)</li> <li>helped with writing and reviewing document</li> <li>worked on intro and sections related to SVM,</li> <li>worked on discussion and results for final report</li> <li>Added to introduction; added figures to file</li> <li>limitations section, added formulas to appendices</li> <li>provided feedback and recommendations ( for e.g. observed dataset imbalance, suggested condensing of aims)</li> </ul>