

# Self-Assessment Reports

This project is an individual project and is completely developed by me. I was able to apply and build upon the skills and goals in which I set last Fall Semester. I managed to complete learn all the materials regarding machine learning and neural networks models and apply them to this project from scratch. It was quite a steep learning curve as someone who has not had any prior experience or technical background in machine learning.

For this project, I learned quite a ton from all the online resources and succeed in building a fully working model as well as using the newly-developed Tensorflow framework. Along the way, I did encounter some obstacles along the way such as not understanding fully the model complexities as well as the underlying mathematical algorithms to build the models. Along the semester, a new version of Tensorflow also came out as well but I decided to not to pick up since it requires a major code revision. Other than that, I would assess the learning outcome of this project as quite a success.

I am extremely thrilled to be able to participate in this senior project since it revolves around Machine Learning - a really new and booming field in Technology and Software Engineering. Also, this helps me prepare for the path of becoming a data scientist in the future should I choose to enroll in a graduate program. Learning all this new, exciting technology to me is so much more worth it than learning old, outdated software such as learning to make a desktop application.

This project also gives me plenty of opportunities to work with our university's professors and advisors who share the same interest. The learning curve is also very high as well - some might even need a student's basic background about Machine Learning, but I was successful in embracing the challenge. In the end, I was extremely proud and humble as well at what I was able to achieve.