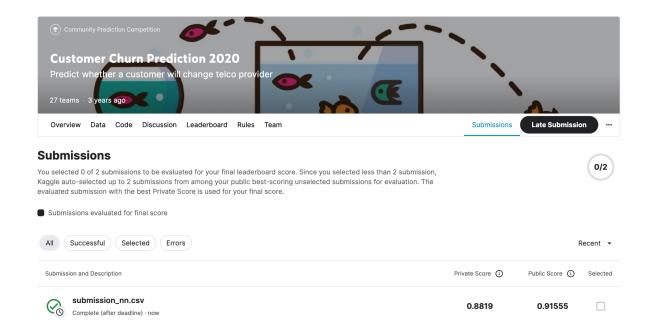
## **Homework 1 Report**



This assignment was very interesting! First, I learned how to prepare data for a neural network (train\_test\_split). In this process, I learned how this function properly splits given data into the training dataset and the validation dataset. Further, I learned how to implement one-hot encoding, which was pretty intriguing. I now understand what features can and cannot be one-hot encoded—Numerical data/yes and no features can be converted, but strings and large numbers cannot be. I learned about how to use the LogisticRegression() function, how to create a neural network, how to train that neural network, and, finally, how to evaluate it.