Project 4 Proposal: Corporate Credit Rating

John Antony, Liam Baker and Nishant Patel

Data Source: https://www.kaggle.com/datasets/agewerc/corporate-credit-rating

We are predicting that credit rating in this dataset is accurate so we're able to predict a company's unknown credit rating based on its financial information.

We will be using TensorFlow to compile, train and evaluate a model to predict the accuracy of the model. In order to show a variation, we will be amending the “Rating” column in the dataset to numerical values to evaluate if it results in a higher accuracy.

We will also use Python matplotlib to visualise our findings.

We will be using:

Python Pandas

Python matplotlib

SQL Database