**AI Project**

**Group Members:**

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**Training Data:**

We used java client to get our training data. Our dataset consists of 18 columns.

**Neural Network:**

We used Keras library to make our neural network. From the training dataset we used 15 columns as our input and 3 columns as our output. In our neural network there is 1 input layer then 2 hidden layers and one output layer. Our hidden layer takes 200 inputs for better accuracy. We have used early stopping monitor which stops when it feels that it cannot train better after 3 tries of improving more. We have calculated the loss by using mean squared error. We have used 30 epochs for better results achievement.

**Neural Network:**