

CNN Final Data

- The units of observation for the success of the Convolutional Neural Network are 'accuracy' and 'loss'.
- Variables
 - **Training Loss** - A numerical representation of how far off the predictions for the training data are. Lower numbers represent less loss. 100(0)
 - **Training Accuracy** - A percentage that shows how accurate the model is for the training data. Higher numbers are more accurate. 100(0)
 - **Validation Loss** - A numerical representation of how far off the predictions for the training data are. Lower numbers represent less loss. 100(0)
 - **Validation Accuracy** - A percentage that shows how accurate the model is for the test data. Higher numbers are more accurate. 100(0)
 - **Final Accuracy** - A value calculated by dividing the number of correct predictions over total predictions for each batch, and then taking the average. There were 9 batches. Higher numbers are more accurate. 1(0)
 - **Final Loss** - A value calculated using Mean Squared Error (MSE, a loss function) that represents the average loss of the model when applied to the test data. 1(0)

Metric	Average	Minimum	Maximum
Training Loss	2.3634	2.2025	2.8303
Training Accuracy	0.1859	0.0800	0.2502
Validation Loss	2.6216	2.4957	2.9508
Validation Accuracy	0.1358	0.0573	0.2083