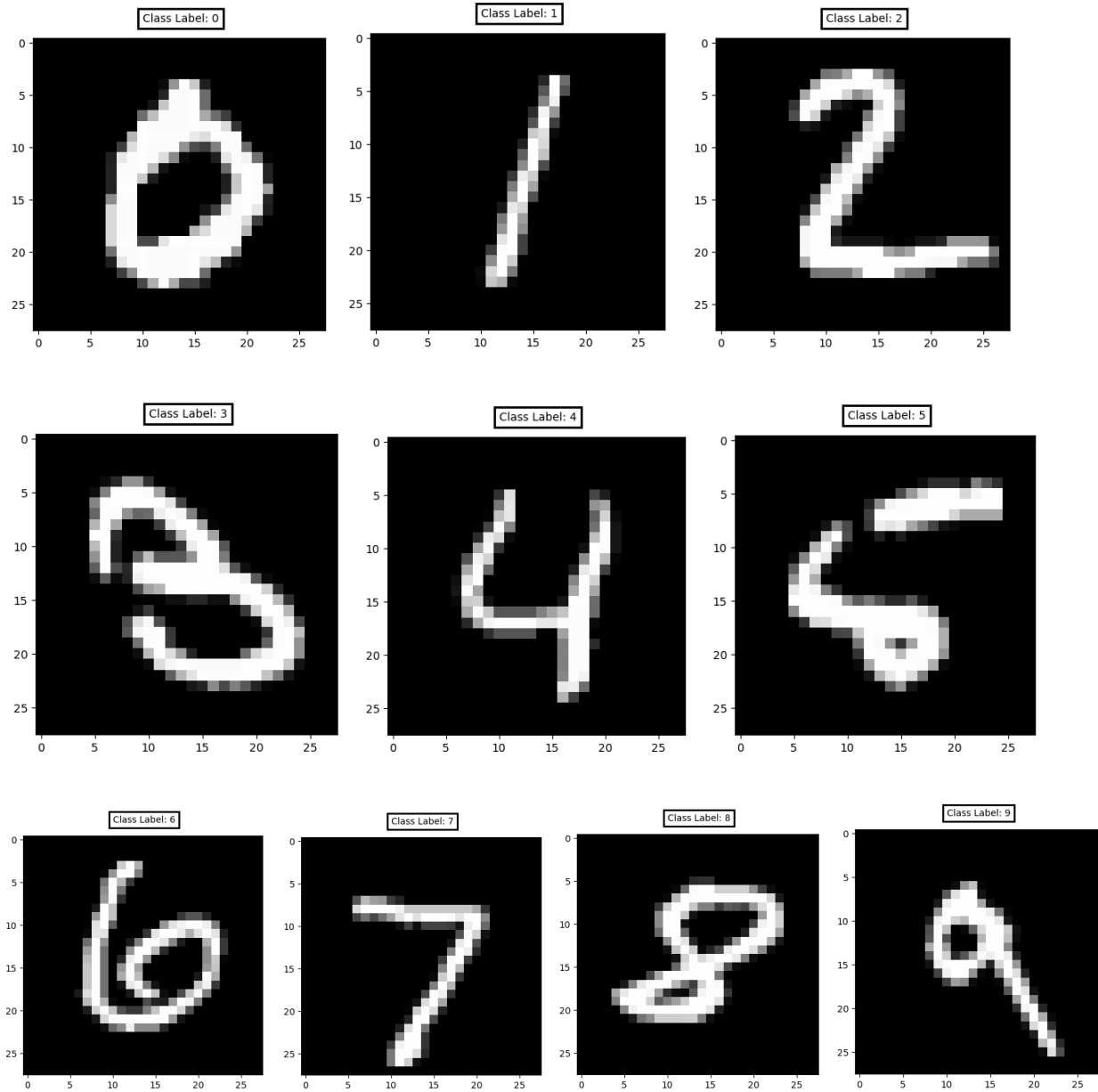


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Lab 6 Report

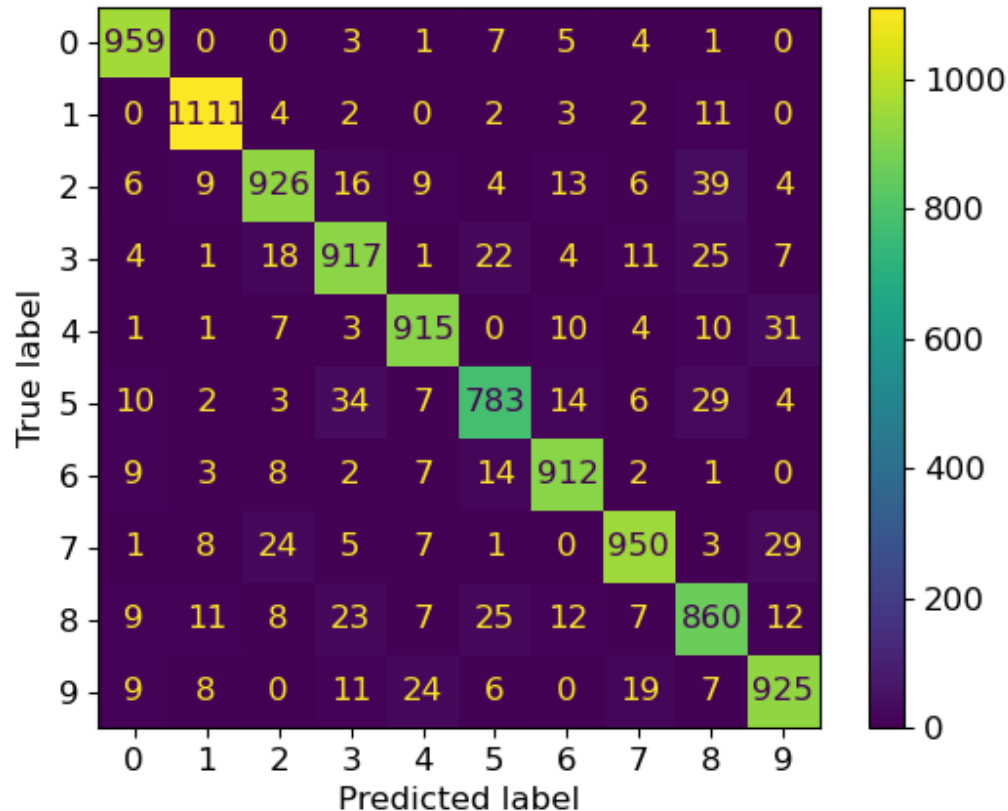
Stephen Tambussi - 00001469512

Part 1 - 10 images from test set



Part 2 - Classification accuracy and confusion matrix

Classification accuracy of model on testing set: **0.9258**



Part 3 - Analysis

The model's overall accuracy is good at approximately 92.5%. However, some errors do occur as shown in the above confusion matrix. The diagonal line of square boxes is the correct classifications by the model, while the rest are incorrect classifications. It appears that the model had the most difficulty with classifying the 5 and 8 as they had the least amount of correct classifications out of all them. These errors occur due to certain classes having an inadequate amount of training samples compared to other classes so the model learns less of their features and therefore recognizes them less accurately.