**Assignment 1 Part 2 B**

**Summary:**

Classification of Random 12000 samples:

airplane 1192

automobile 1255

bird 1158

cat 1194

deer 1214

dog 1171

frog 1194

horse 1165

ship 1276

truck 1181

**Results:**

1. Primary model:

Model Accuracy: 70 %

1. Validating with 12000 dataset as sample:

Test Accuracy: 43%

1. Secondary model only with 12000 Datasets

Test Accuracy: 77%

**Conclusion:**

* The best accuracy is obtained for smaller dataset.
* The validation of 12000 datasets on original model is very poor.
* Model needs to be trained further to adopt any kind of images.