

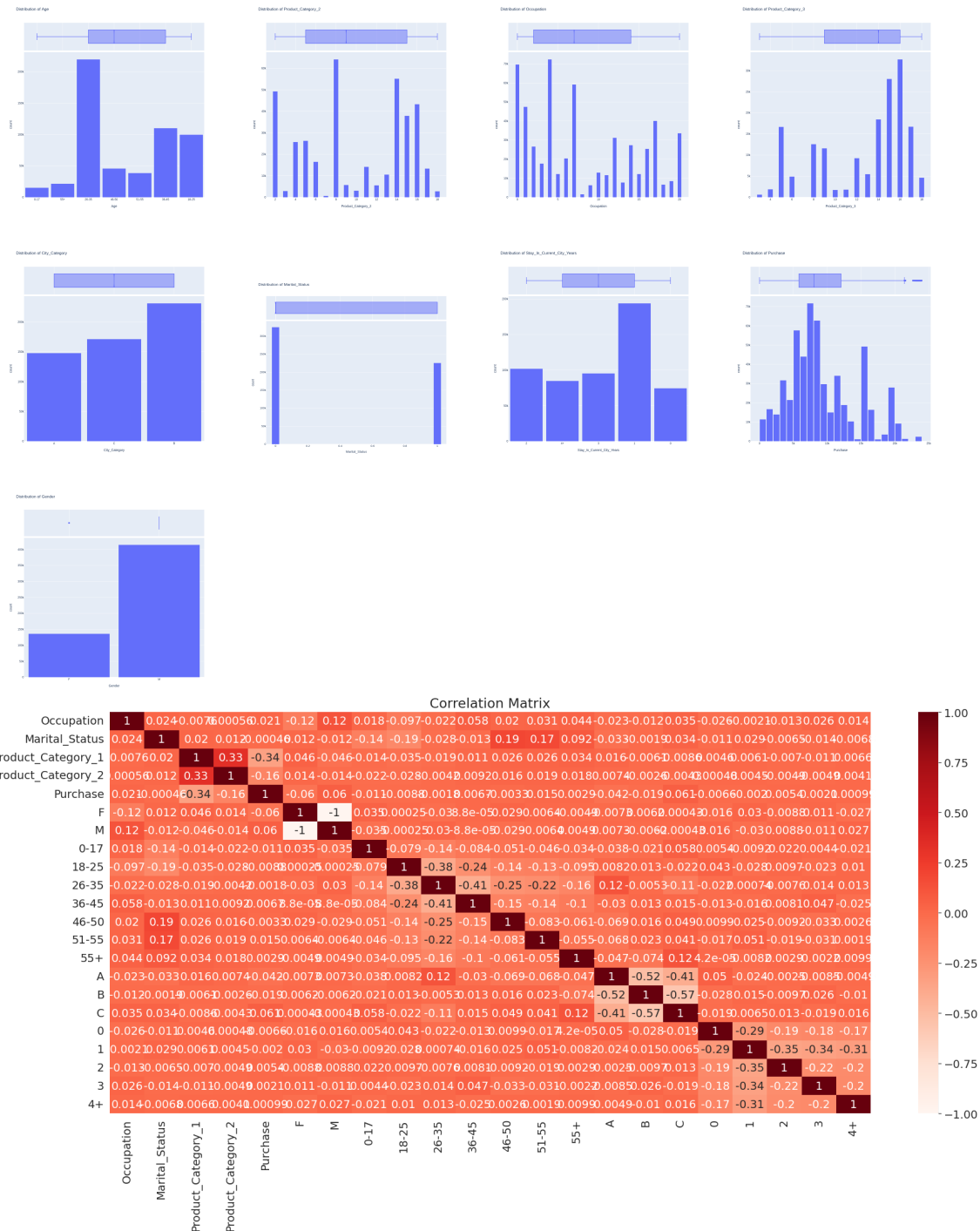
MLFA LAB

Assignment - 2

Name: Aryan Satpathy

Roll: 20EC10014

Question 1



Question 2

With Feature Scaling:

0.87

Without Feature Scaling:

21977833

Question 3

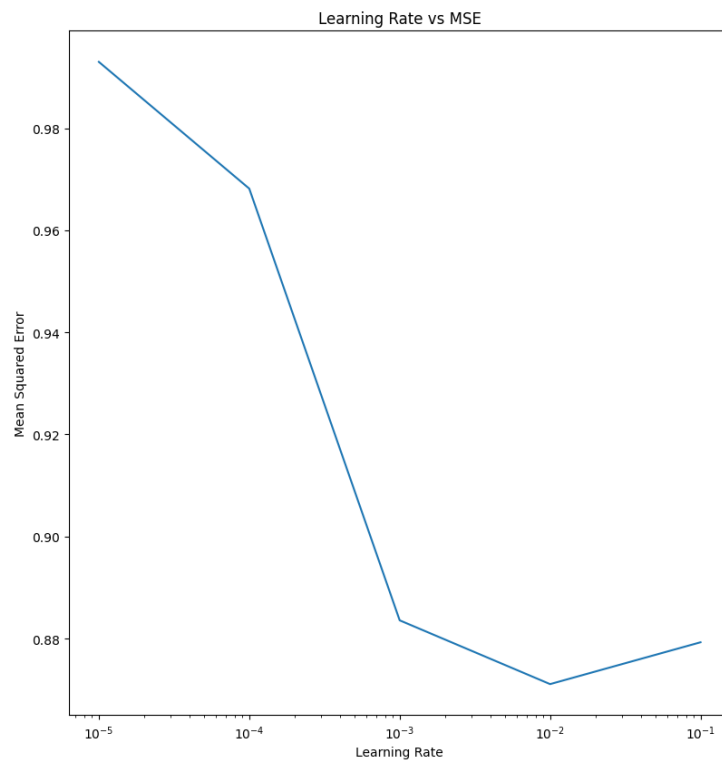


Figure 2: Learning Rate v/s MSE

Best Choice: 0.01

Question 4

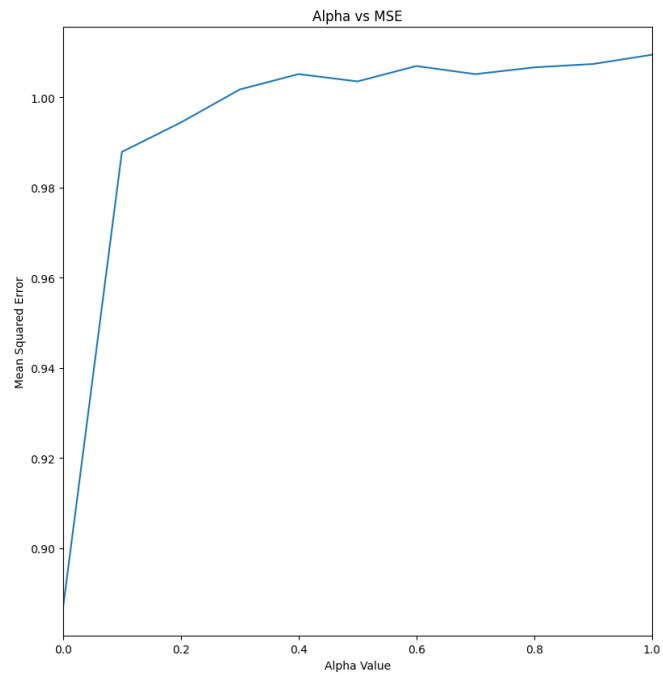


Figure 3: Misclassification v/s Iterations

Best Choice: 0

Question 5

Final MSEs (With Feature Scaling)

Closed Solution: 0.8700697841301545

Grad Solution: 0.8711840413490961

Ridge Solution: 0.8711306408930773