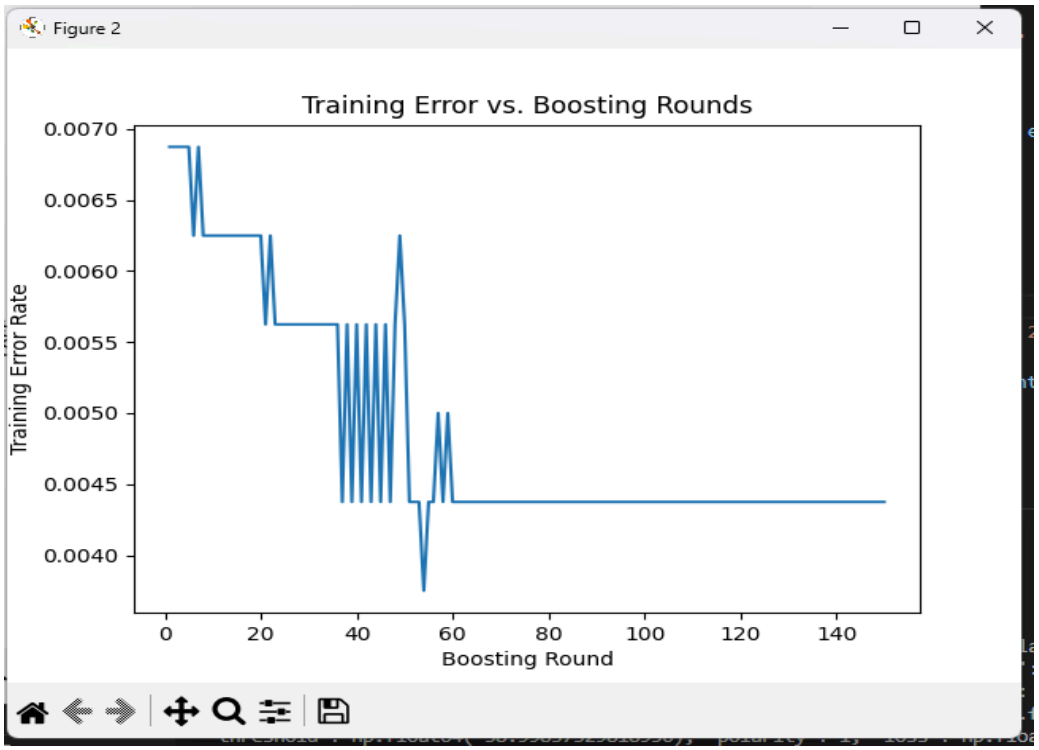
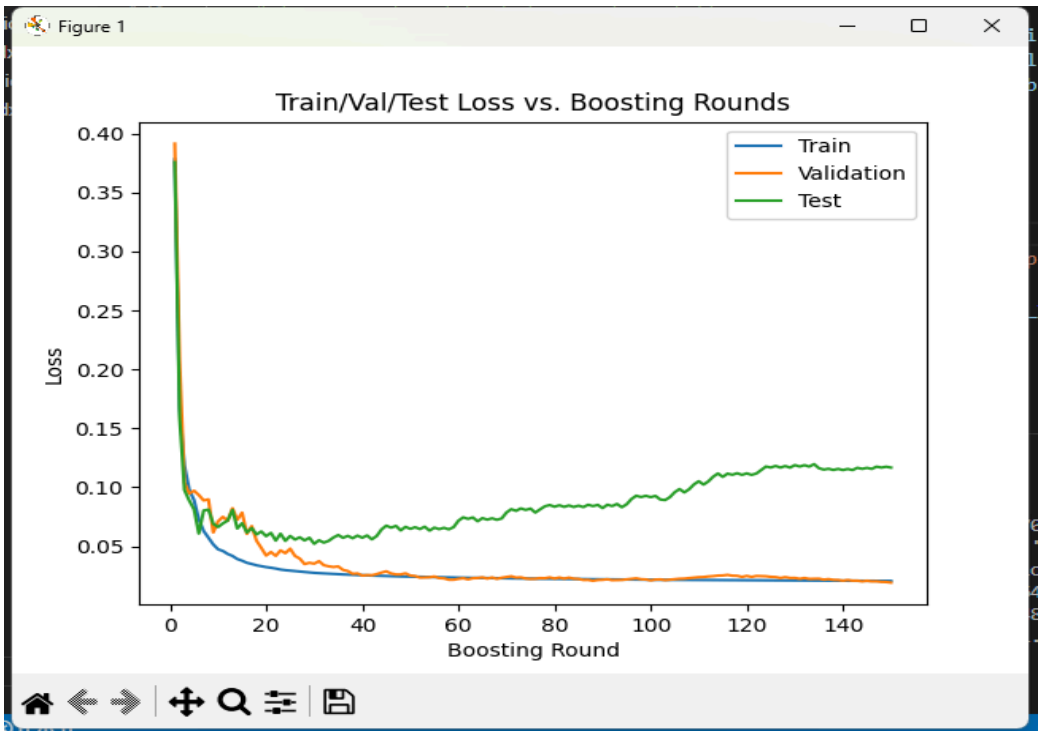
Assignment 4 Report

Q.1.

Test Set Accuracy: **99.20%**





Q2.

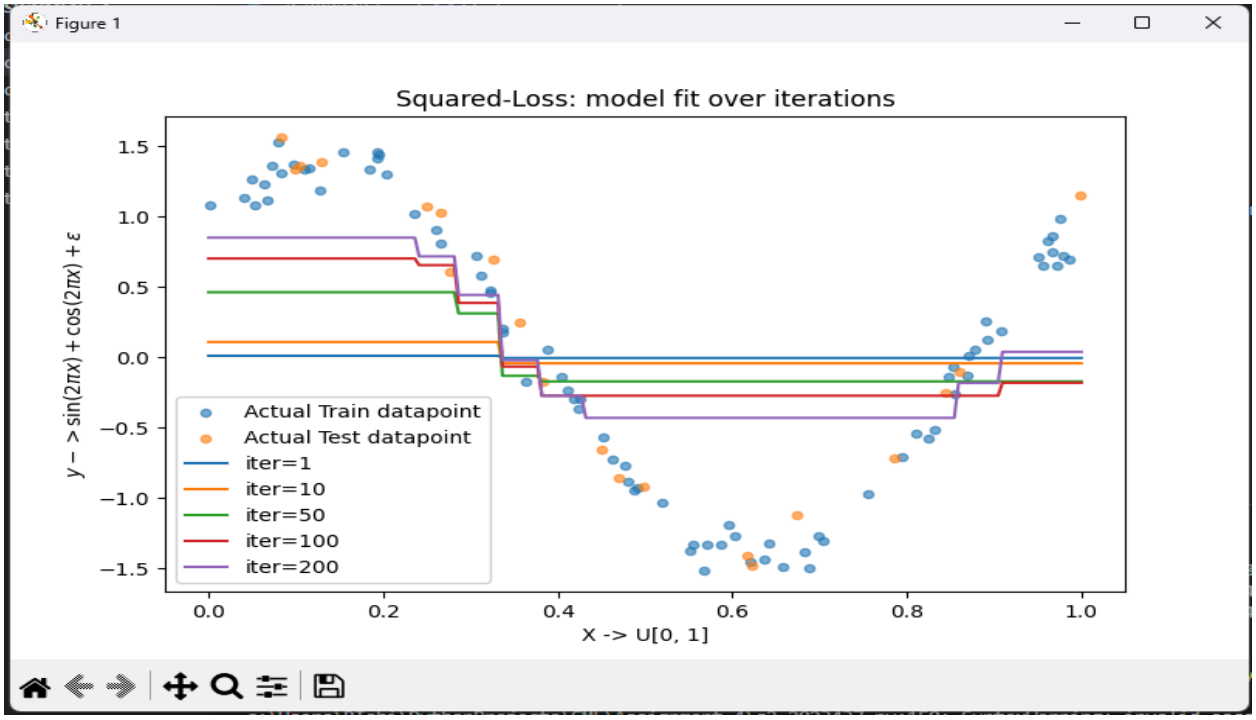


Figure 1
Squared-Loss: model fit over iterations
y -> sin(2πx) + cos(2πx) + ε
X -> U[0, 1]
Actual Train datapoint
Actual Test datapoint
iter=1
iter=10
iter=50
iter=100
iter=200

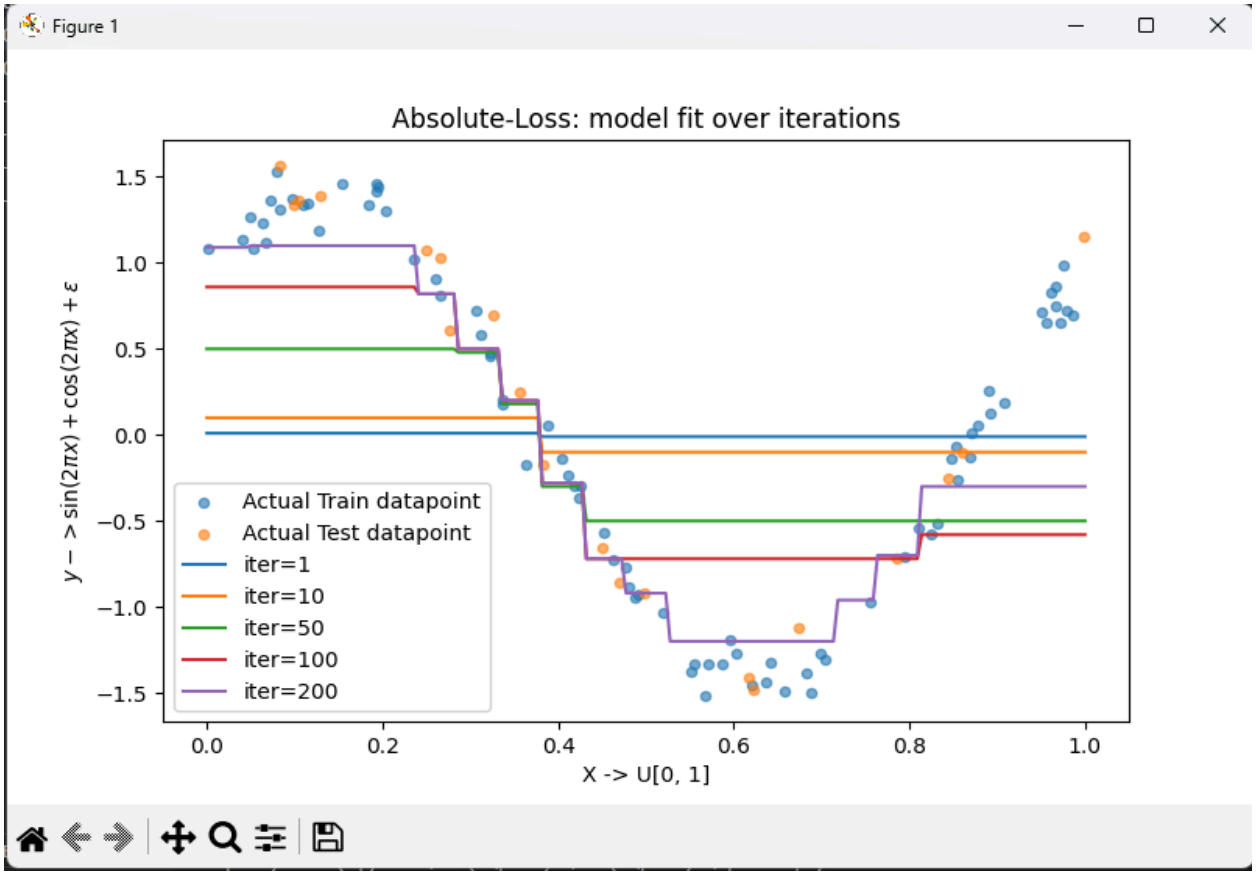
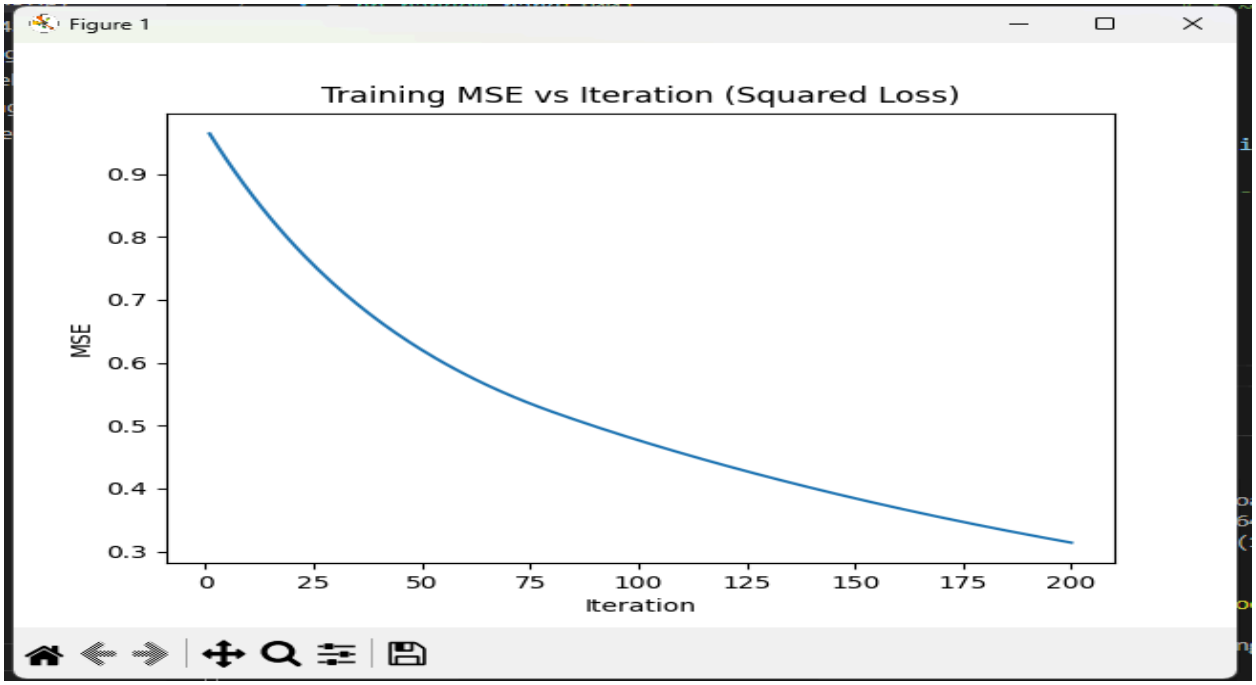
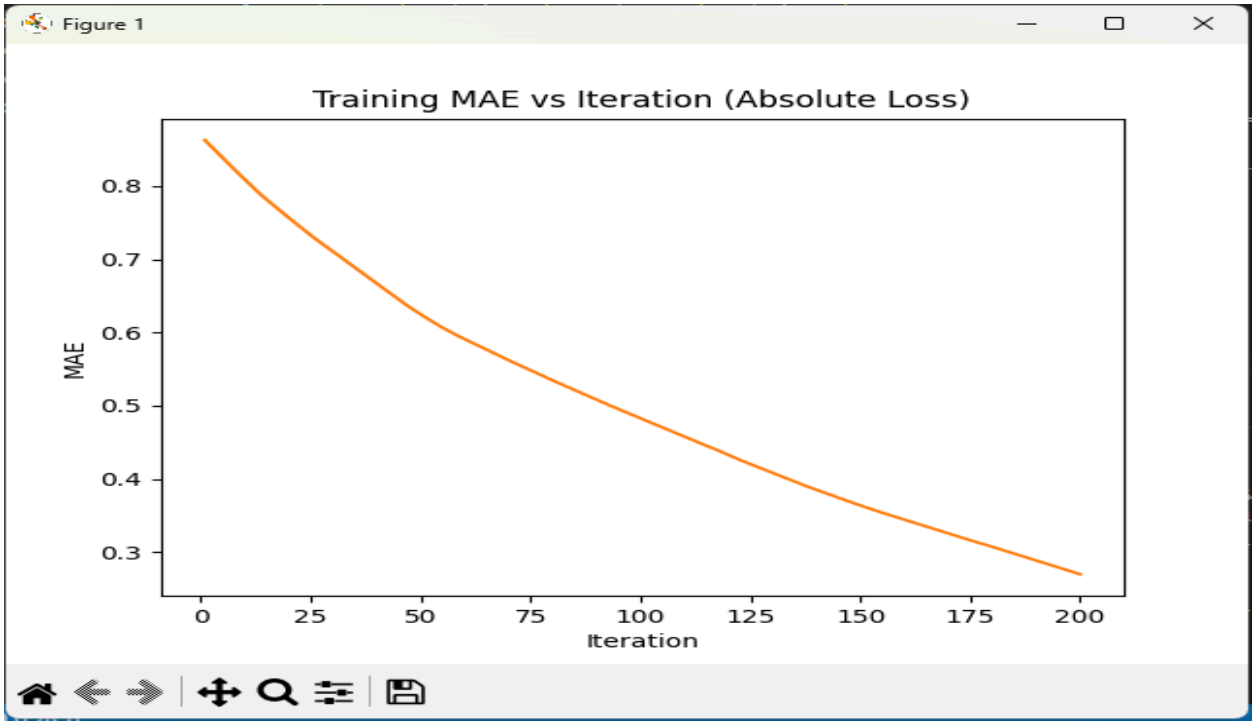


Figure 1
Absolute-Loss: model fit over iterations
y -> sin(2πx) + cos(2πx) + ε
X -> U[0, 1]
Actual Train datapoint
Actual Test datapoint
iter=1
iter=10
iter=50
iter=100
iter=200





Q.3.

Test MSE: **10.72%**