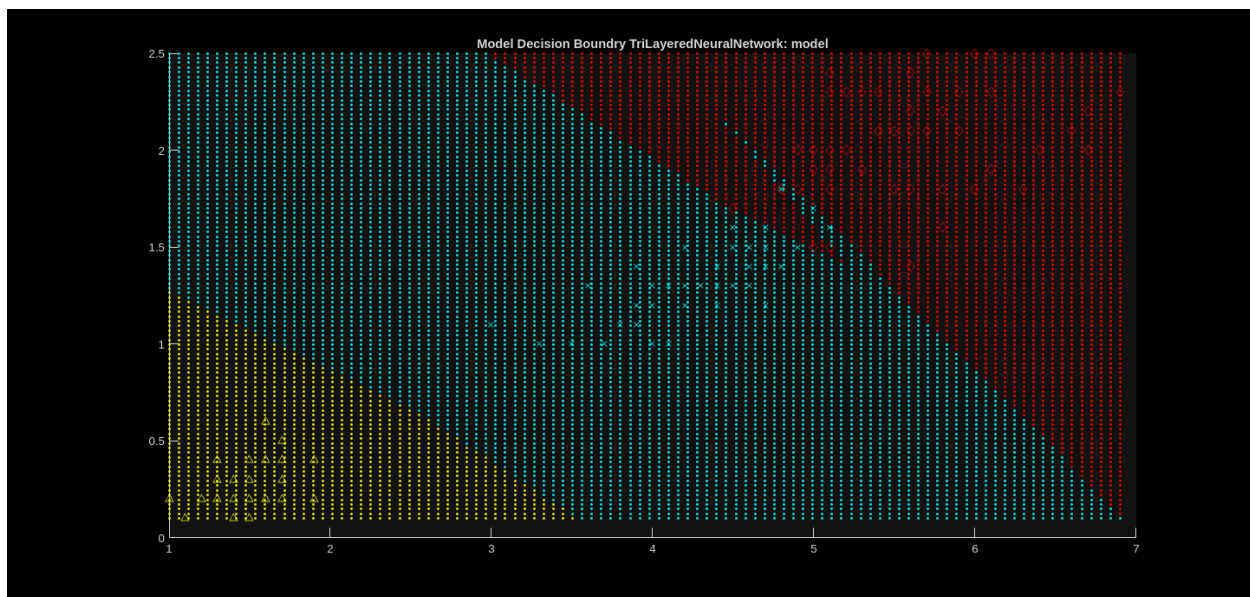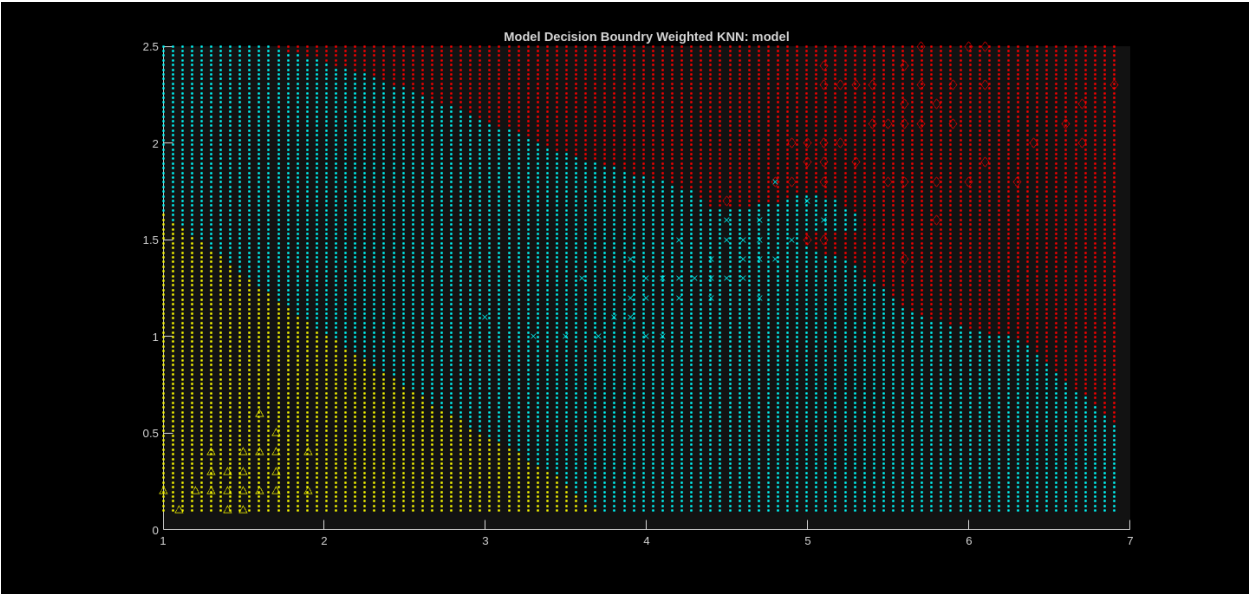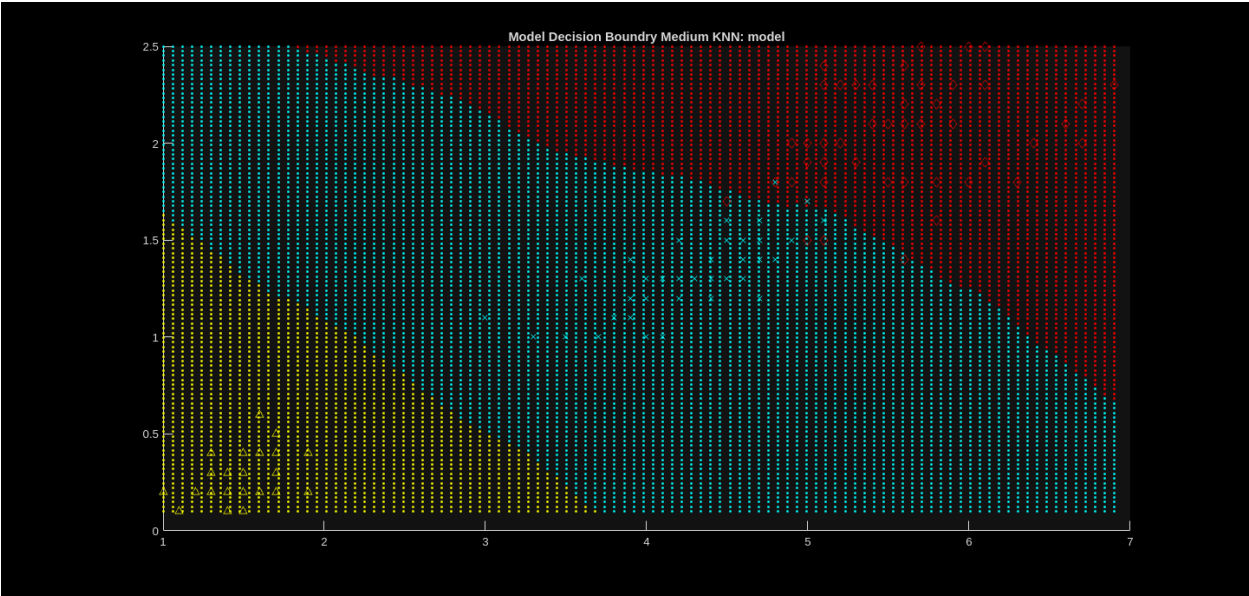```
%Spring 2026 EELE-491
%Drew Currie Homework-2
%Problem 2
```
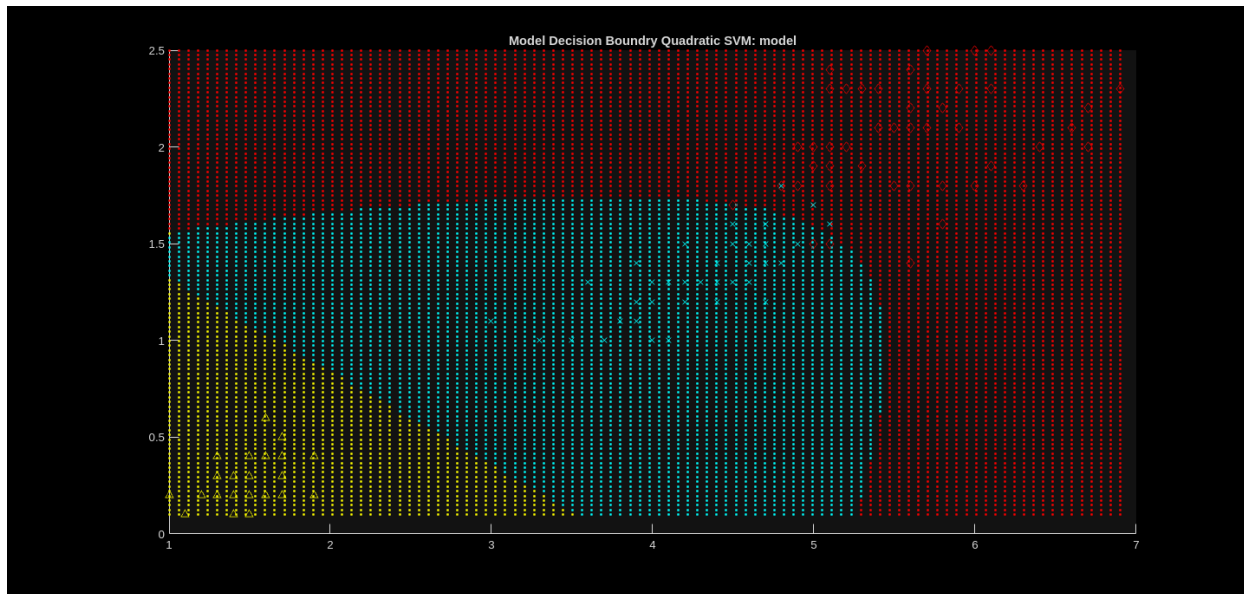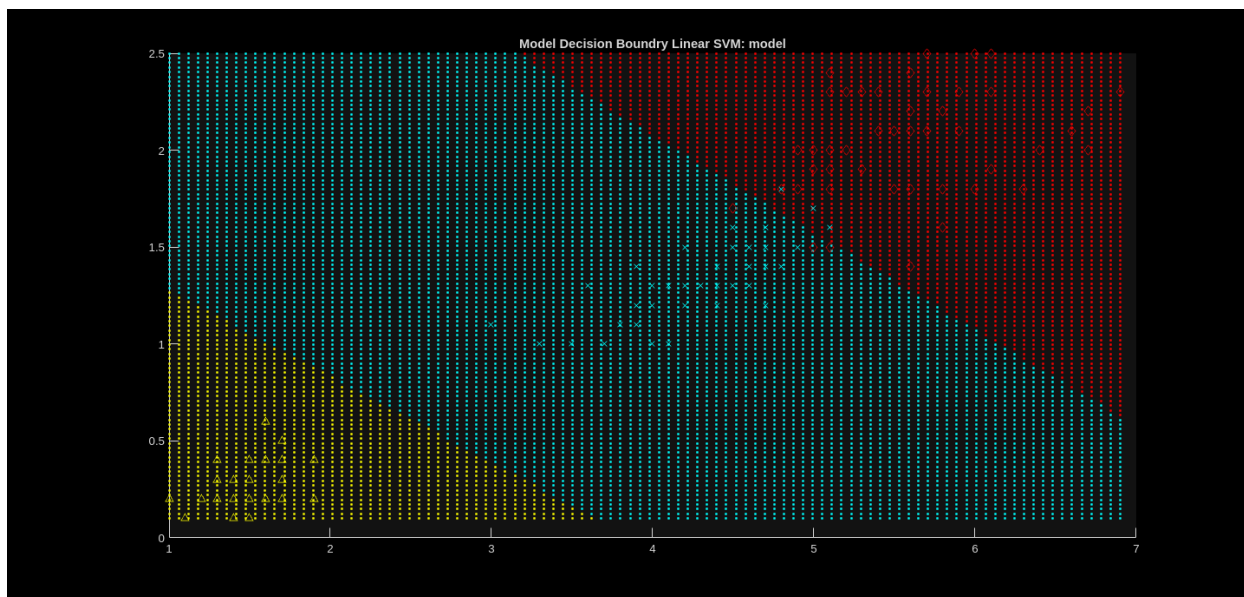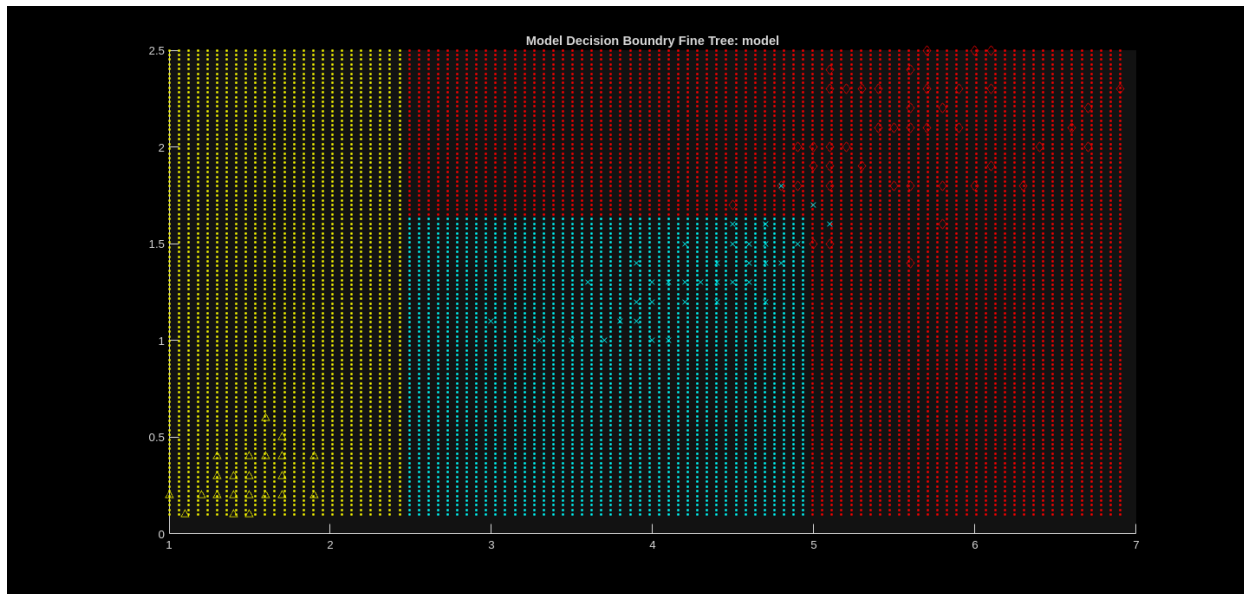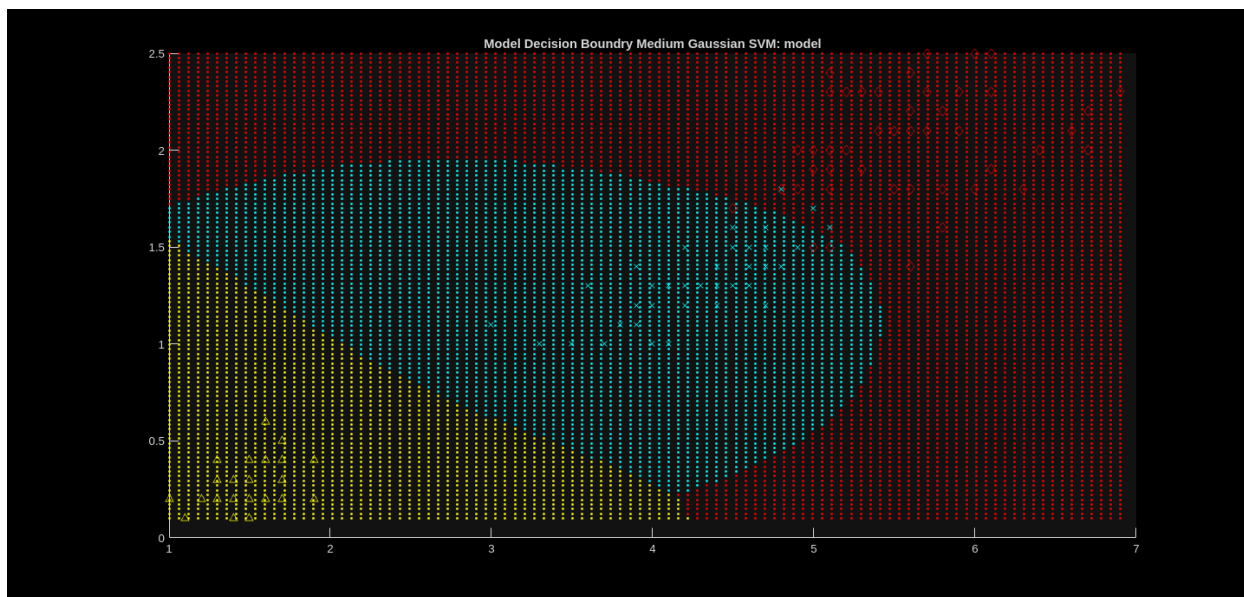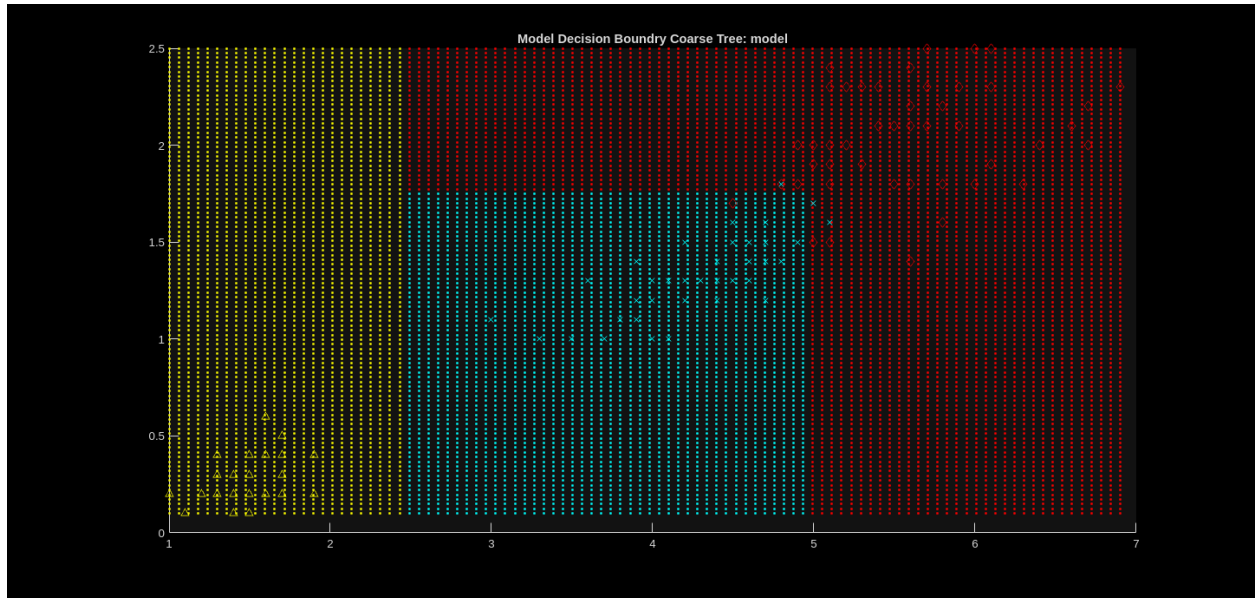
# Part 2

```
%Generate mesh data

DecisionBoundryPlotter(Question2TrilayeredNeuralNetwork,
'TriLayeredNeuralNetwork', meas)
DecisionBoundryPlotter(Question2KNN, 'Medium KNN', meas)
DecisionBoundryPlotter(Question2WeightedKNN, 'Weighted KNN', meas)
DecisionBoundryPlotter(Question2LinearSVM, 'Linear SVM', meas)
DecisionBoundryPlotter(Question2QuadraticSVM, 'Quadratic SVM', meas)
DecisionBoundryPlotter(Question2MediumGaussianSVM, 'Medium Gaussian SVM',
meas)
DecisionBoundryPlotter(Question2FineTree, 'Fine Tree', meas)
DecisionBoundryPlotter(Question2CoarseTree, 'Coarse Tree', meas)
```

Model Decision Boundry Medium KNN: model

Model Decision Boundry Weighted KNN: model

Model Decision Boundry Linear SVM: model

Model Decision Boundry Quadratic SVM: model

Model Decision Boundry Medium Gaussian SVM: model

Model Decision Boundry Fine Tree: model

Model Decision Boundry Coarse Tree: model

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