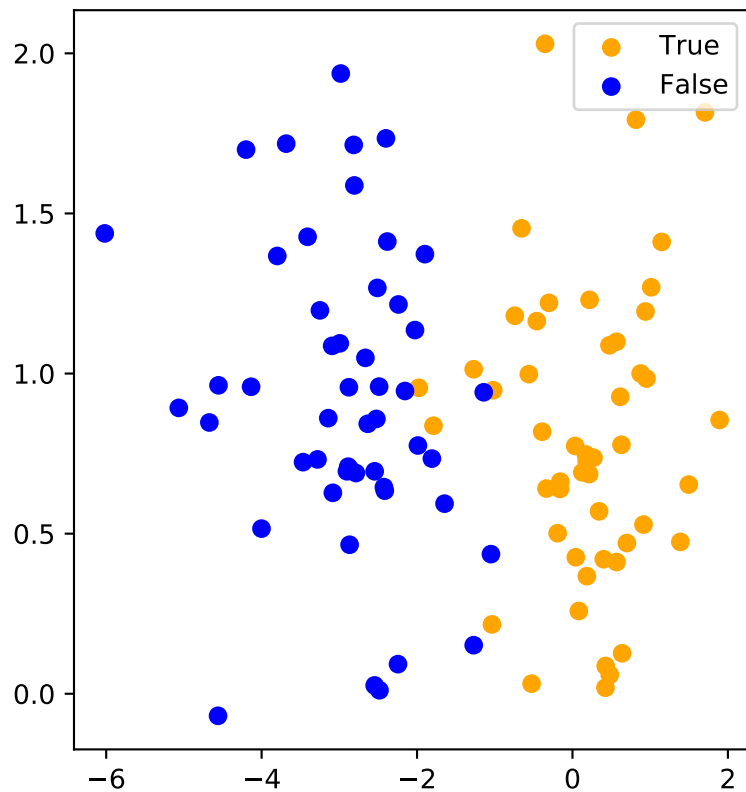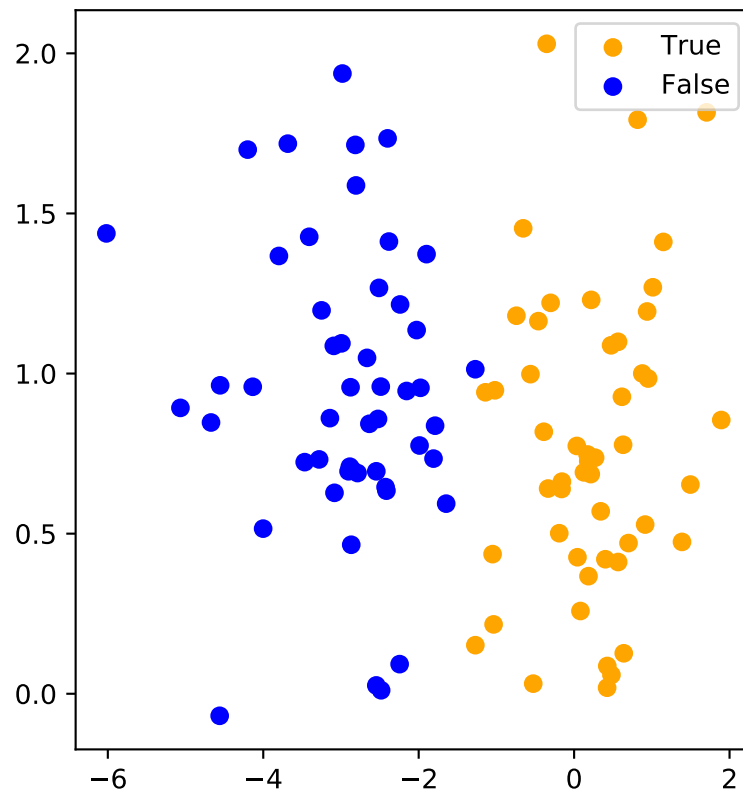Task 1 - Quadratic Loss as Convex Surrogate in Binary Classification

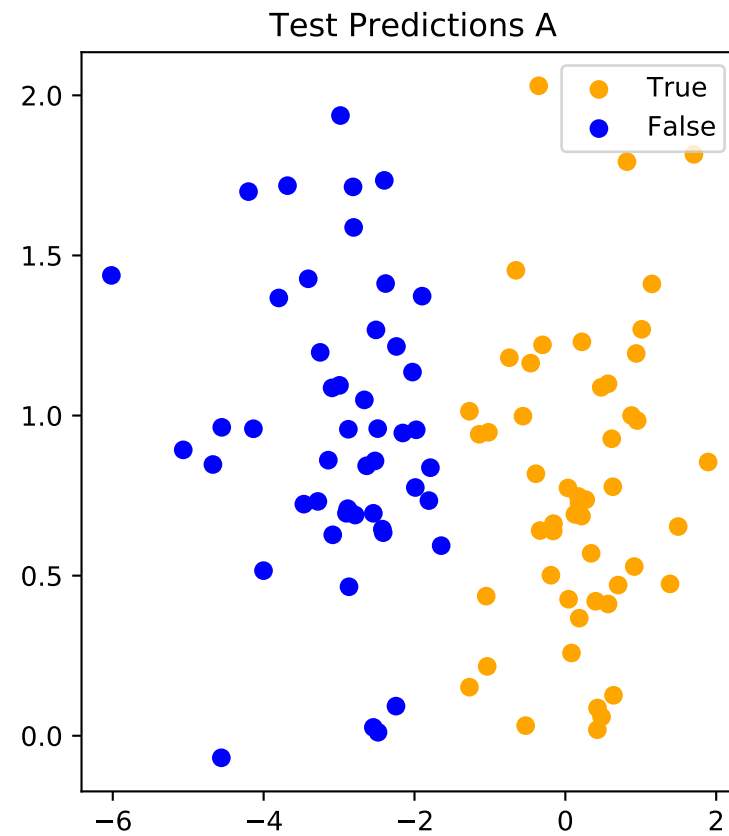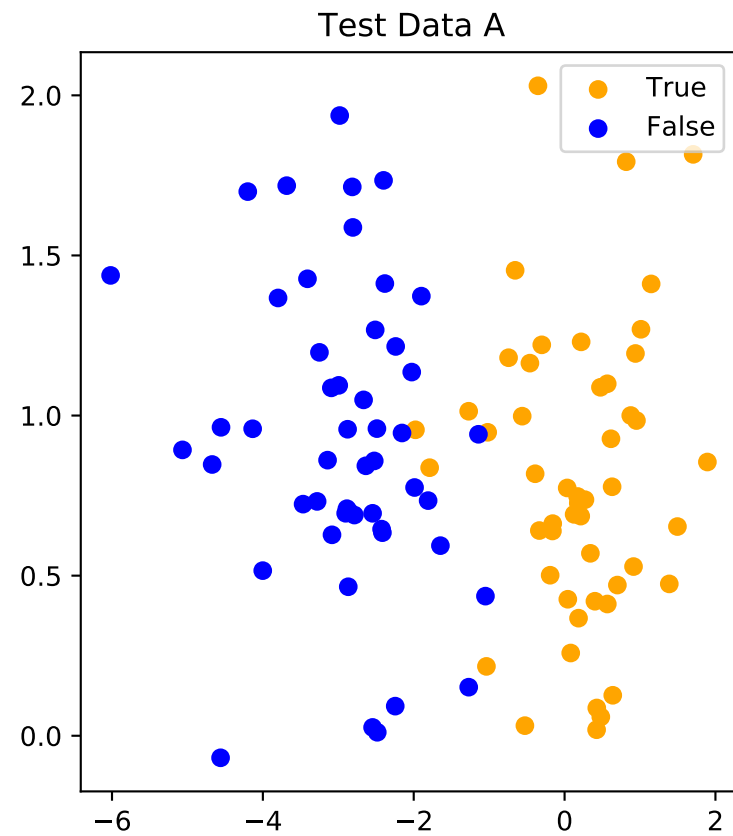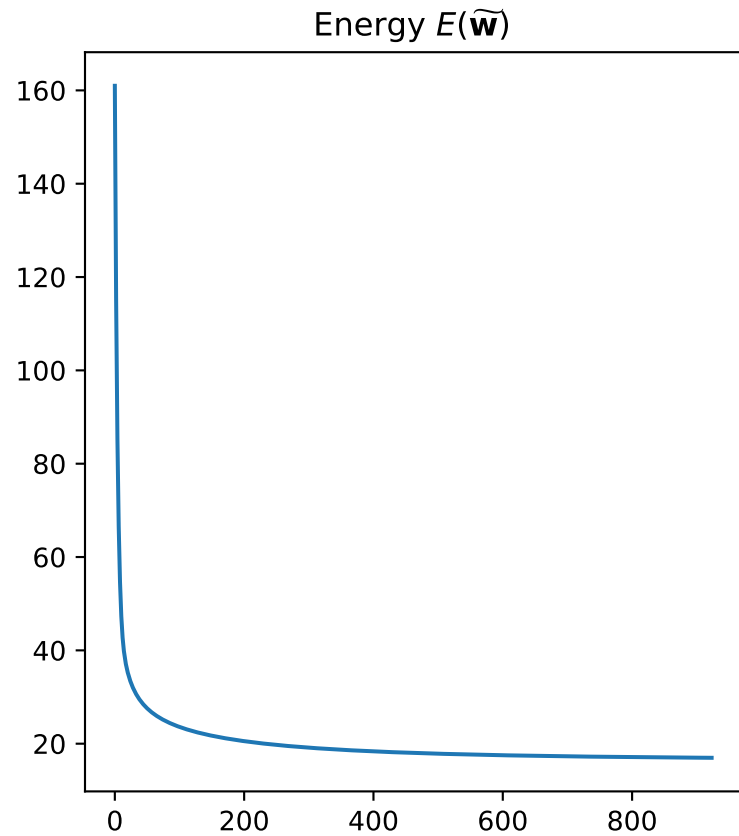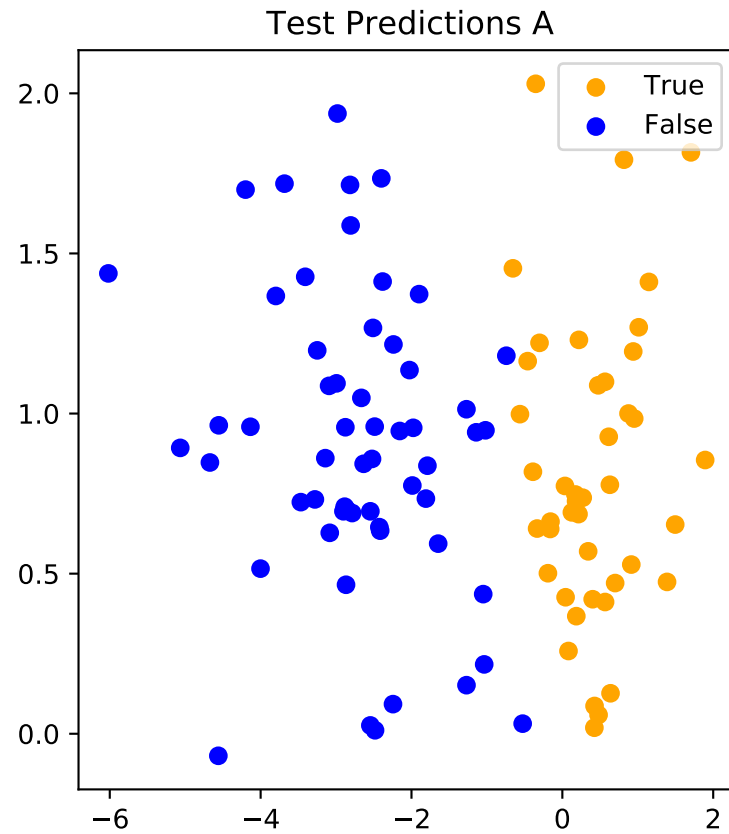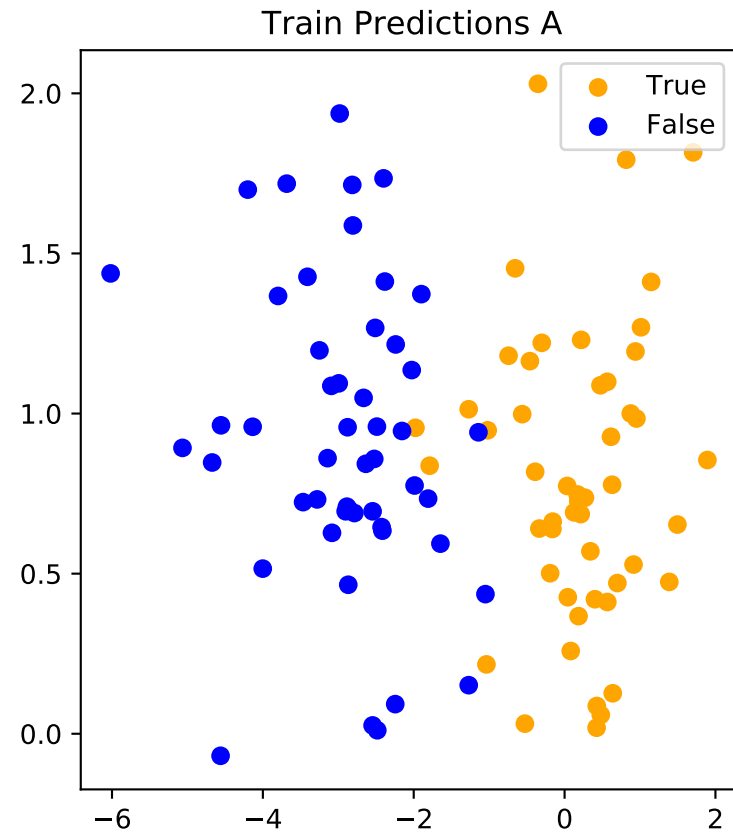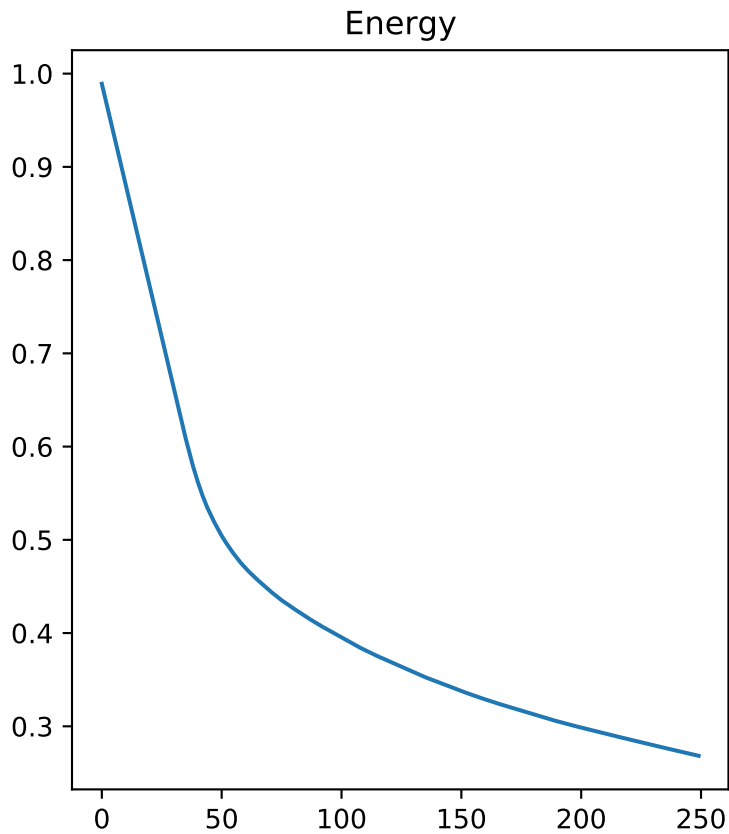Task 2 - Logistic Loss as Convex Surrogate in Binary Classification

Task 3 - Hinge Loss as Convex Surrogate in Binary Classification

Task 4 - Dual Support Vector Machine

Energy $D(\mathbf{a})$

Train Predictions B

Test Predictions B