Recap
TOTAL POINTS 4

1.Question 1
Support Vector Machines (SVM) classifier belongs to a class of

() Nearest Neighbours based

() Neural Networks

() Tree-based models

(**X**) Linear models

1 point

2.Question 2
What is the difference between RandomForest and ExtraTrees models from sklearn?

(**X**) ExtraTrees classifier always tests random splits over fraction of features (in contrast to RandomForest, which tests all possible splits over fraction of features)

() ExtraTrees classifier always uses only a fraction of objects when looking for a split (in contrast to Random Forest, which uses all object)

() ExtraTrees classifier always uses only a fraction of features when looking for a split (in contrast to Random Forest, which uses all features)

1 point

3.Question 3
What model was most probably used to produce such decision surface? Color (from white to purple) shows predicted probability for a point to be of class "red".
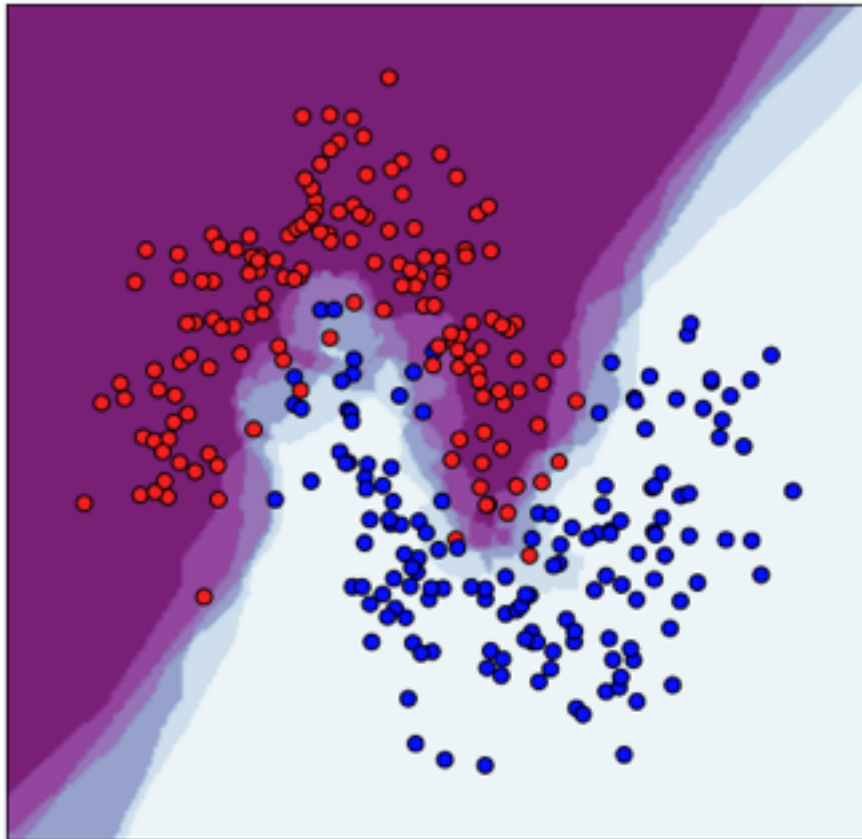

() Decision Tree

(**X**) kNN

() Random Forest

() Linear model

1 point

4.Question 4
What model was most probably used to produce such decision surface? Color (from white to purple) shows predicted probability for a point to be of class "red".

() k-NN

() Decision Tree

() Random Forest

(X) Linear model

1 point