PRACTICE QUIZ • 8 MIN

Recap

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Recap

TOTAL POINTS 4

1. Support Vector Machines (SVM) classifier belongs to a class of   1 point
   - ○ Linear models
   - ○ Tree-based models
   - ○ Nearest Neighbours based
   - ○ Neural Networks

2. What is the difference between RandomForest and ExtraTrees models from sklearn?   1 point
   - ○ ExtraTrees classifier always uses only a fraction of features when looking for a split (in contrast to Random Forest, which uses all features)
   - ○ 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 objects)

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".   1 point

   - ○ Random Forest
   - ○ kNN
   - ○ Linear model
   - ○ Decision Tree

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".   1 point

   - ○ Linear model
   - ○ Random Forest
   - ○ kNN
   - ○ Decision Tree

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