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Random forest is a supervised learning algorithm
   It has 2 mechanism (variation)
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       1) Classfication problems
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       2) Regression Problems
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  It is one of the most flexible and easy to use algroithm.
  It creates decision tree on the given data samples, gets prediction from each tree and select the best situation by
   means of voting
q
10 It is also a pretty good indicator of feature importance.
   Random forest combines multiple decision tree resulting in a forest of trees hence the name random forest came into
12
   picture.
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14 The higher the number of tress in the forest, the more accurate is the result.
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In []:

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Algorithm

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RFA can be divided into 2 stages:

1) in the first stage we randomly select "k" features out of total "n" features and build random forest where k < n

2) Among the k features calculate the node 'd' using the best split point

3) Split the node ('d') into daughter node using the best split

4) Repeat the step until 'l' number of nodes has been reached

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5) build forest by repeating step 1 to 4 for 'x' number of time to create 'x' number of tree
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In []:

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