



Future
Connect
Media

Machine learning Part E

Part of Future Connect Media's IT
Course

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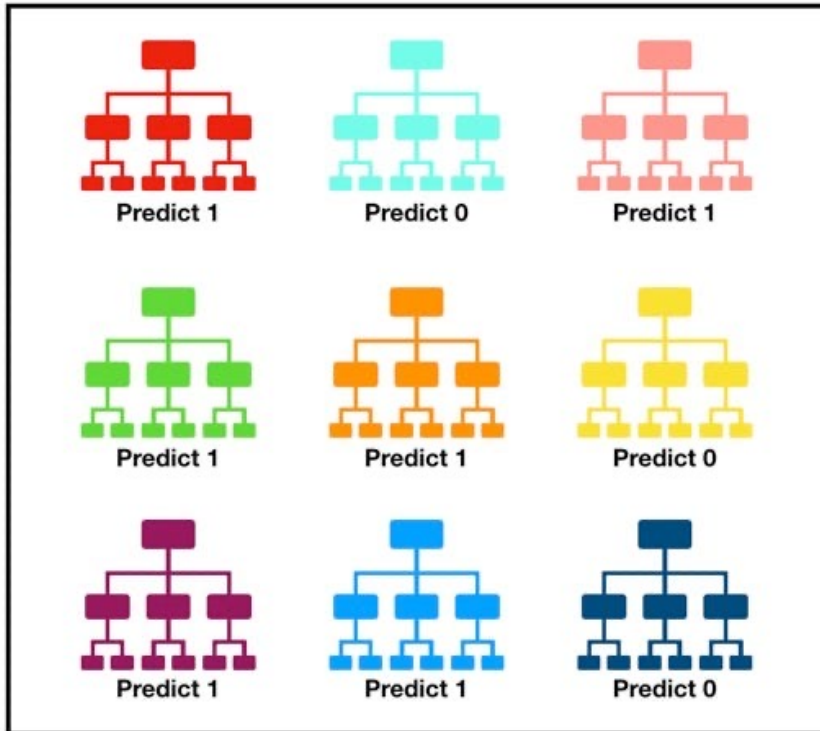




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Topics to be covered:

- Random Forest Classifier
- Fundamental Concept



Tally: Six 1s and Three 0s
Prediction: 1

Random Forest Classifier

- Random forest, like its name implies, consists of a large number of individual decision trees that operate as an ensemble.
- Each individual tree in the random forest spits out a class prediction and the class with the most votes becomes our model's prediction.

Fundamental Concept



- The fundamental concept behind random forest is a simple but powerful one:

“A large number of relatively uncorrelated models (trees) operating as a committee will outperform any of the individual constituent models.”