

- Decision tree algorithm is very sensitive to outliers.
- It can overfit model in presence of outliers.
- It is always recommended that we should have balanced datasets to get the better prediction.
- Its advanced part is RandomForest which never overfits.
- Although it is easy to understand, it requires fewer data points to proceed. There is no need to normalize the columns.
- We can do feature engineering to get the better prediction.
- Decision trees don't have any kind of assumption about the data distribution because of the non-parametric nature of this algorithm.
- **Whenever we will get standard deviation of the actual value is greater than error occurred due to the classification.**
- **That means our model is a good model.**