

Decision Tree – Fundas

1. The reason why decision tree algorithms often used heuristics is because the model is perforce NP complete for optimal conditions points: 1

- ☐ true
- ☐ false

2. Most of the heuristics such as entropy,etc used for creating nodes at any level are often greedy in nature points: 1

- ☐ true
- ☐ false

3. If indeed the algorithm is greedy on account of heuristics it would mean that decision trees get locally optimal solutions points: 1

- ☐ true
- ☐ false

4. Decision tree models are often called as white box models as they are very easily understood by human beings points: 1

- ☐ true
- ☐ false

5. The Pre-processing step of normalization is fundamental to decision trees points: 1

- ☐ true
- ☐ false

6. Decision trees often make assumptions about the underlying data sets distribution as coming from a Gaussian, binomial etc points: 1

- ☐ true
- ☐ false

7. XOR can be quite easily modeled in decision trees points: 1

- ☐ true
- ☐ false

8. Decision trees are prone to over fitting points: 1

- ☐ true
- ☐ false