**Cloud Computing for Data Analysis**

**VIDEO CASE 09 : Decision Trees**

Watch following videos:

**Video 1:** <https://youtu.be/RG4FYHfAQJQ>

**Video Case Questions:**

1. What are the purposes of decision trees?

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| Decision trees are algorithms that organizations use to make best possible decision for a predefined objective which is profitable to them. |

1. What are some disadvantages that you see in decision trees when built for larger datasets?

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| The disadvantages of decision trees for large datasets:   * Computational in-efficiency * Large number of variables and choosing right variables in right order * Split the variables in the most optimal value * Choosing variables in a way so that over fitting can be avoided |

1. Mention some other applications of decision trees.

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| * Recommendation system * Sentiment Analysis * Fraud detection |