**Cloud Computing for Data Analysis**

**VIDEO CASE 09 : Decision Trees**

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**Video Case Questions:**

**• What are the purposes of decision trees?**

Ans:

• They are some useful management tools that help formalise our thinking process and produce a graphical representation of how different factors may influence your plan.

• To represent graphically of possible solutions to a decision which will be based on certain conditions.

• To make a prediction of certain value for a new object.

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

Ans:

• Computational efficiency decreases

• High dimensional data exists, hence lots of attributes.

• Computational time is more.

**• Mention some other applications of decision trees.**

Ans: Some other applications of decision trees are as follows:

• Loan (Banking) - In evaluate the loan applications by calculating risks for loans.

• Medical – To help patient prediction diagnosis.

• Banking - To help find profitable customers in the market.