# Chat History Report

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**Question:**

what is a decision tree ?

**Answer:**

A Decision Tree is a machine learning model used for both regression and classification tasks. It is particularly useful in fields such as medicine, bioinformatics, fault detection (for computers or vehicles), stock market analysis, text mining, and speech recognition (ECL-3A, Introduction to DS, page 31). The Decision Tree learning method helps us learn concepts by choosing the most discriminative attributes from examples and forming models of classification (ECL-3A, Introduction