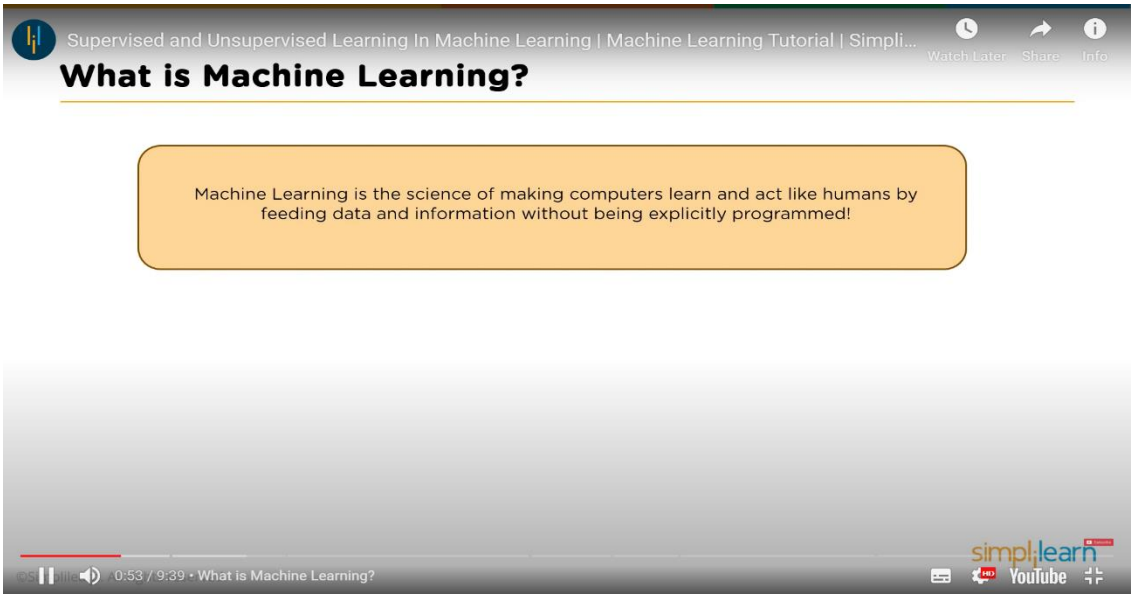
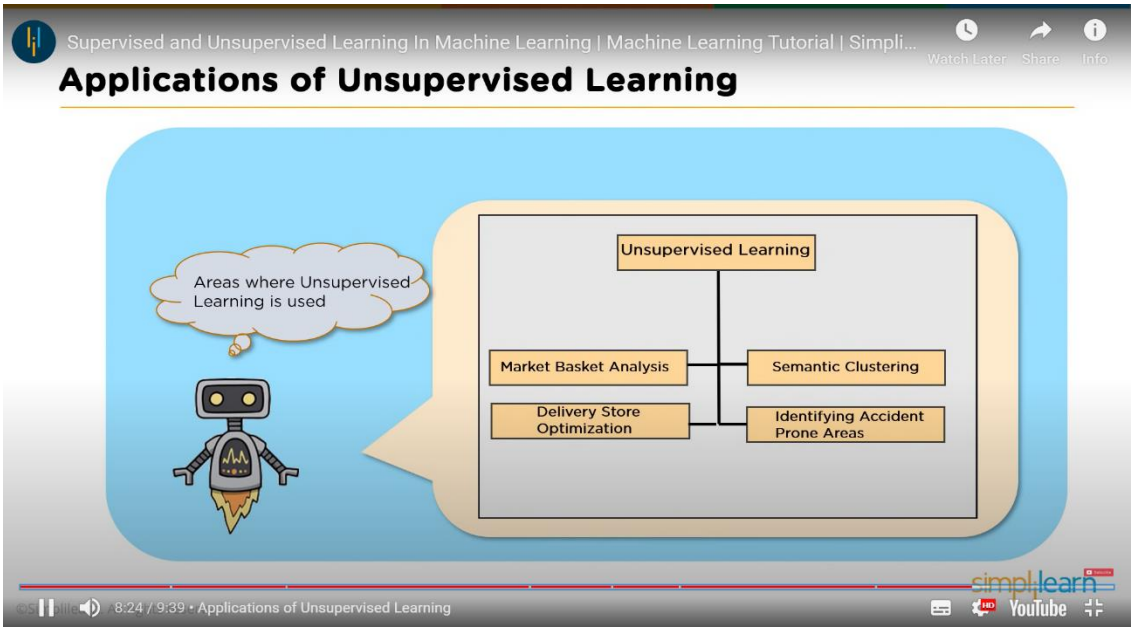
PRIOR KNOWLEDGE

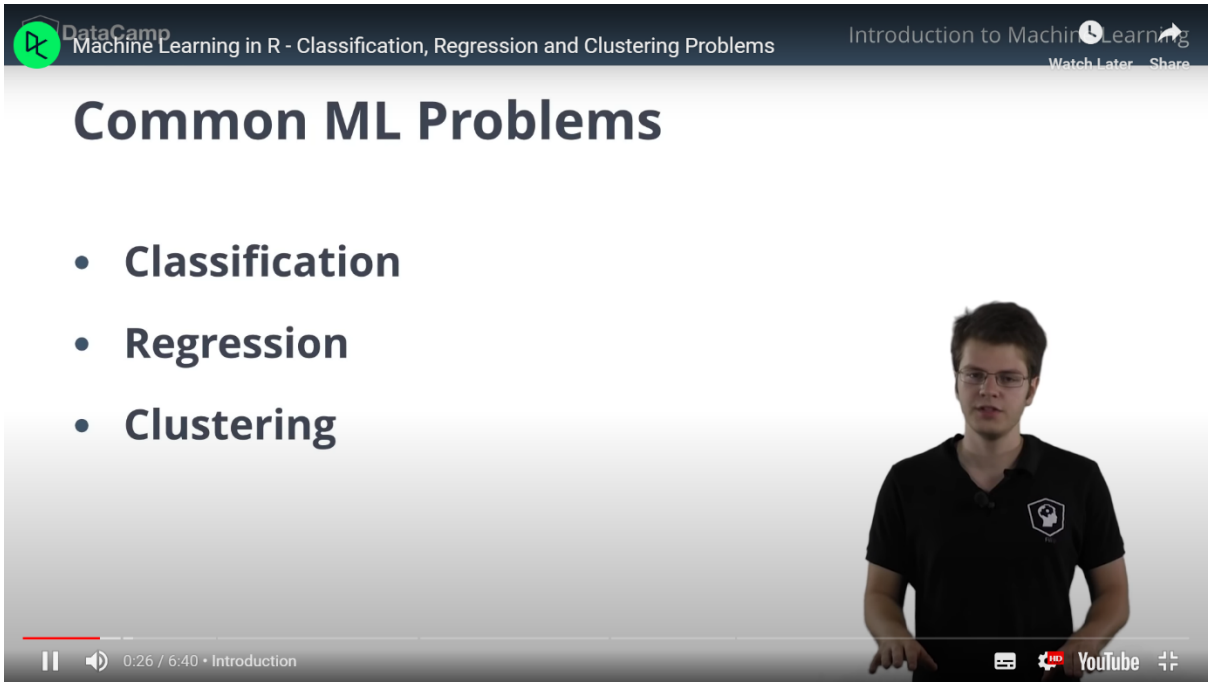
Project Name	Developing a flight delay prediction model using machine learning.
Team id	PNT2022TMID29843
Team members	Sridhar K V Sriram S M Tamilarasan D Vittal J S

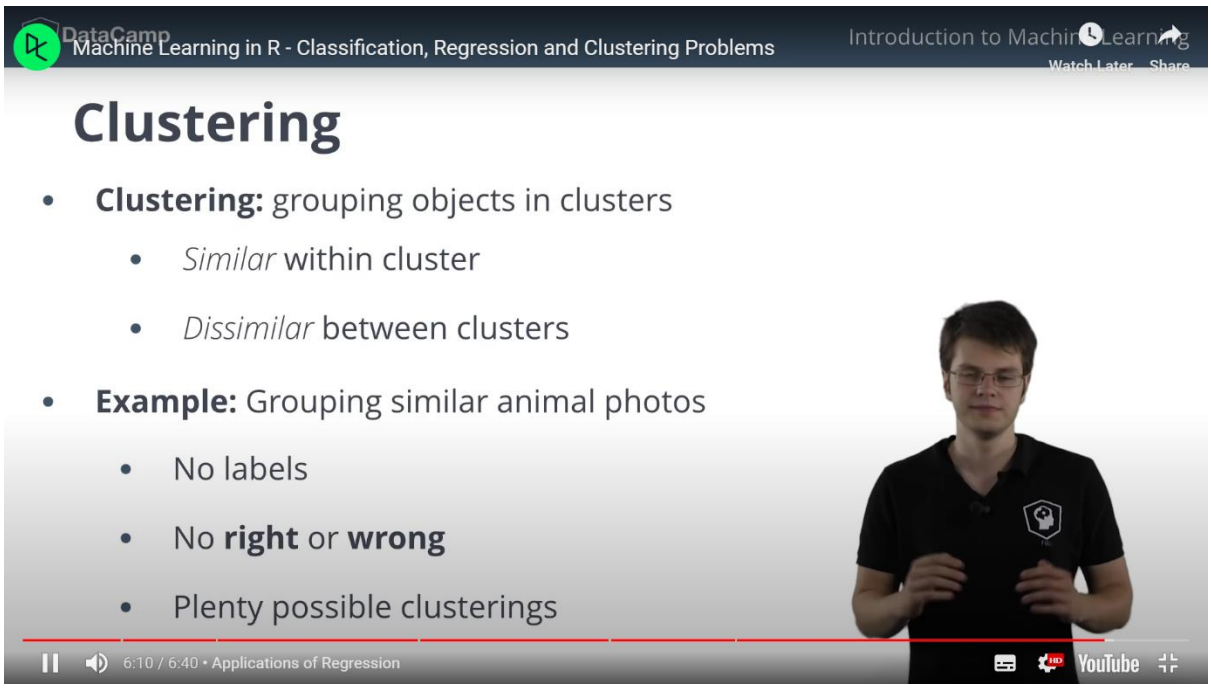
Supervised and unsupervised learning:





Regression Classification and Clustering :





Flask: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What is a Web Framework?
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Modules
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Introduction to Flask
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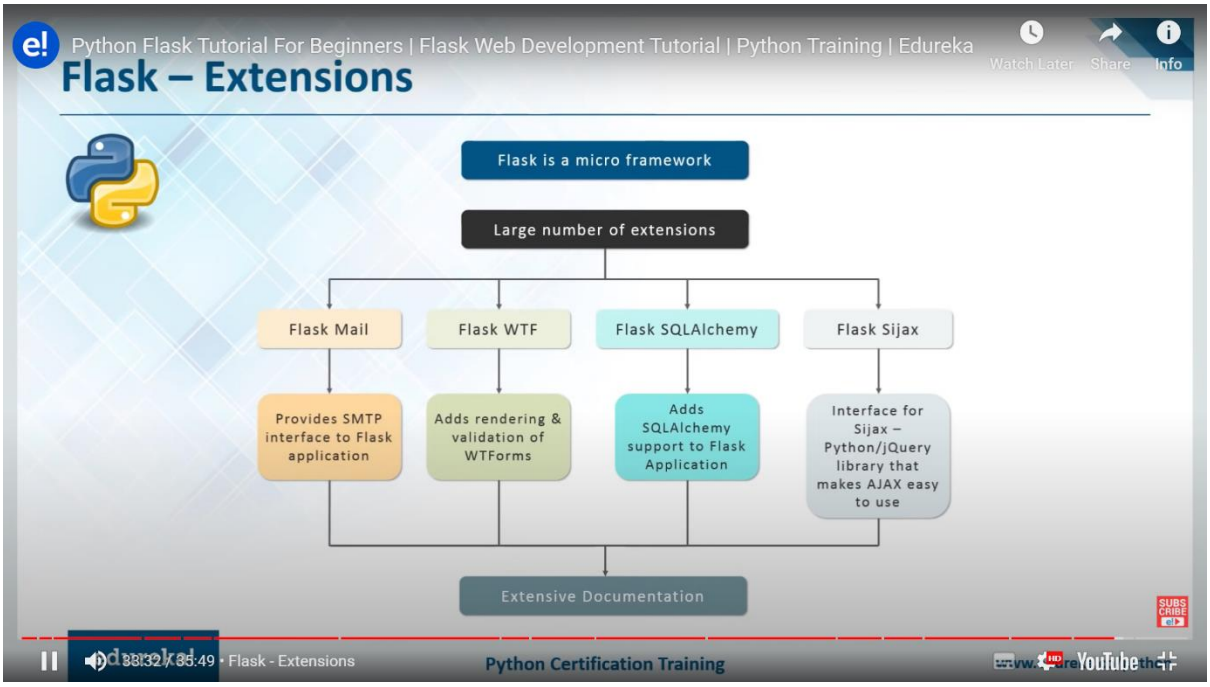
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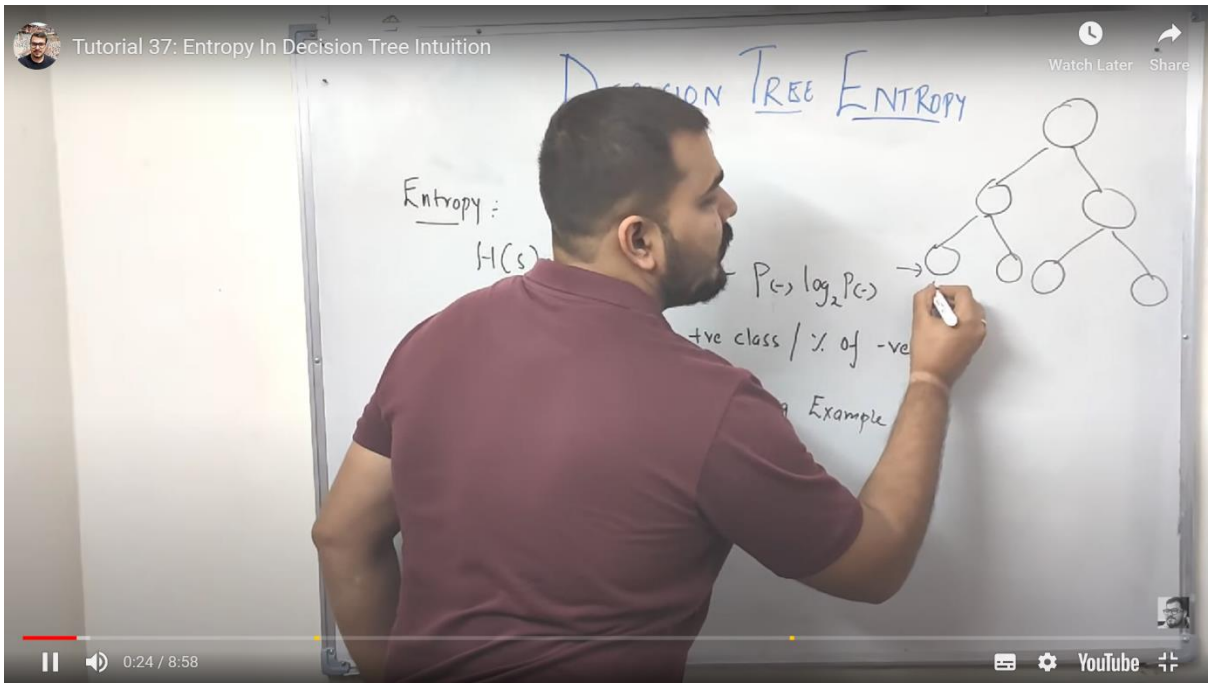
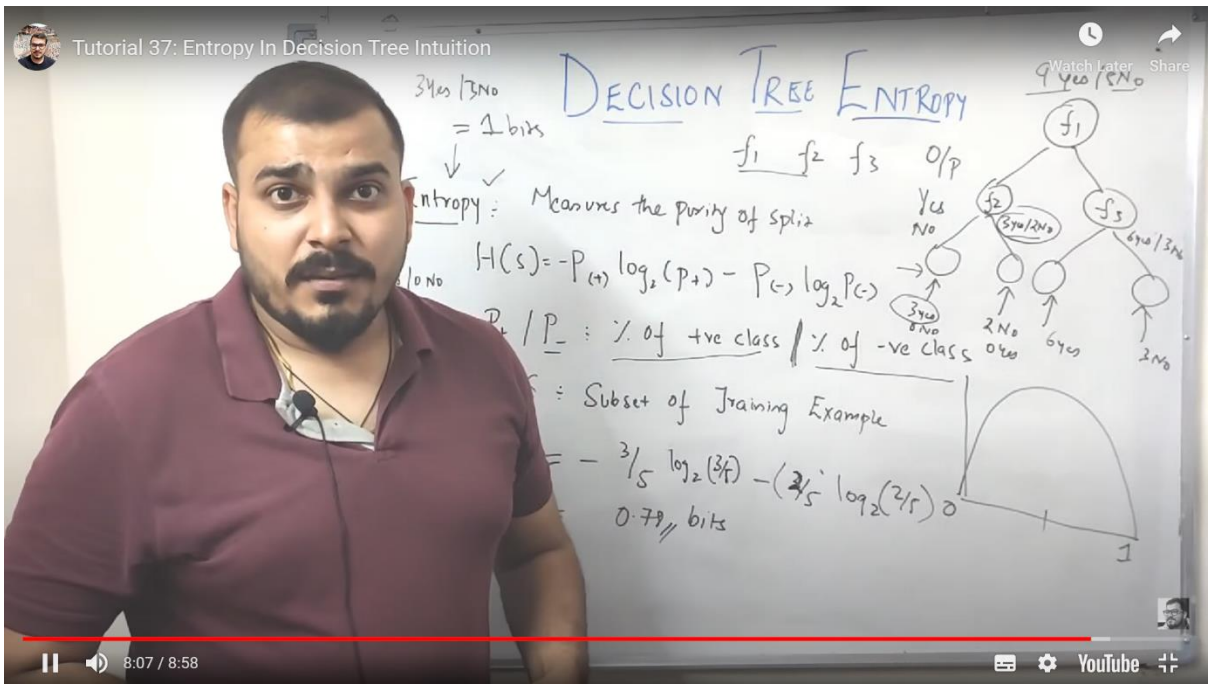
Flask – Extensions
Flask is a micro framework
Large number of extensions
Flask Mail
Flask WTF
Flask SQLAlchemy
Flask Sijax
Provides SMTP interface to Flask application
Adds rendering & validation of WTForms
Adds SQLAlchemy support to Flask Application
Interface for Sijax – Python/jQuery library that makes AJAX easy to use
Extensive Documentation
Flask - Extensions
Python Certification Training

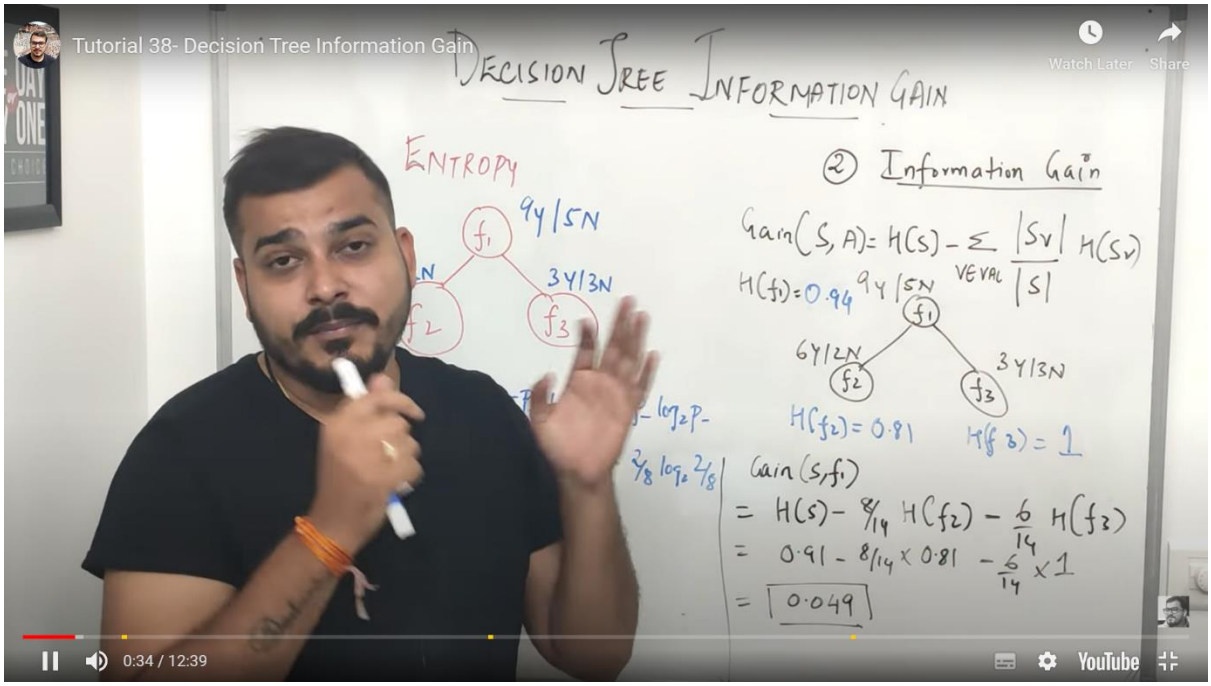
Decision Tree:

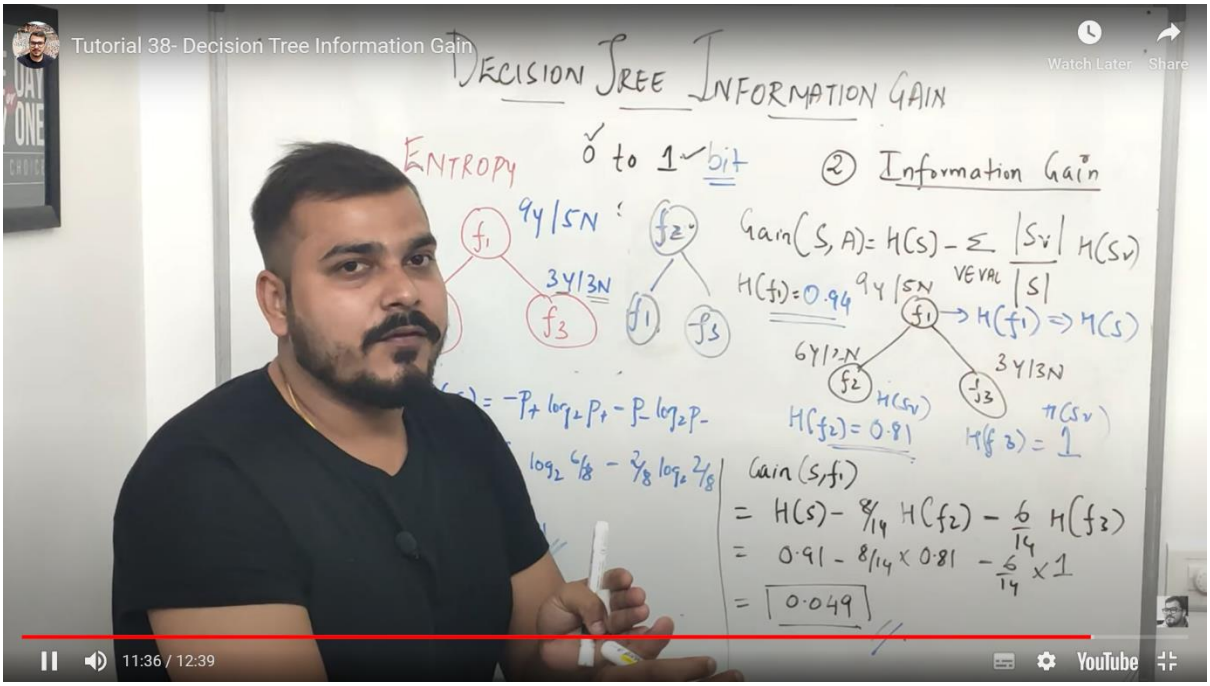
Entropy in Decision Tree Intuition:





Decision Tree information gain:





Gini Impurity intuition in depth in Decision tree: