

Unsupervised Learning

Learning Objectives of the session:

1. Data Description
2. Attribute information
3. Steps to follow
4. Recap, doubts clearance
5. Session summary

Structure of the Session

Time Distribution of 2 hours	Topic	Detail
15 mins	<ul style="list-style-type: none"> Data description 	<ul style="list-style-type: none"> Gauge understanding about the project and the problem statement. Explain the problem statement, the objective and the various parameters to keep in mind before jumping into solving the problem
15 mins	<ul style="list-style-type: none"> Attribute Information 	<ul style="list-style-type: none"> Explain about different dependent & independent variable, their types (categorical , numerical etc)
60 mins	<ul style="list-style-type: none"> Steps to follow 	<ul style="list-style-type: none"> Discuss the broad steps to follow to solve the problem starting from EDA to training the model using various relevant learning techniques taught to finally getting the result. Note: Please do not share/ show the output code to the students
25 mins	<ul style="list-style-type: none"> Recap about Supervised learning techniques Doubts Clearing Buffer 	<ul style="list-style-type: none"> Recap all the unsupervised Learning techniques taught as part of this course and clarify the queries from the students.
5 mins	<ul style="list-style-type: none"> Summarizing the session 	<ul style="list-style-type: none"> Summarizing the session