

Group Coaching Session - VII

This session will be conducted while the learners have completed Machine Learning 1 and are right now in the week of Tree models. The broad breakdown of the concepts taught in these modules can be found in ML curriculum [here](#)

Pre-req

The learner should have gone through the module on tree models which can be found [here](#).

Objective

This session is placed at the start of course 3 and it's the seventh group coaching that the students are attending. The coach will primarily focus on counselling for their path ahead & then will move to focused teaching for advanced regression.

Agenda

1. Part II: Focused Teaching (60 mins)
2. Part-III: Doubt Resolution (30 mins)

Element Name	Colour Code
Doubt Resolution/P2P	
Focused Teaching	
Personalised Feedback	
Career Guidance	
Flip Classroom	
Miscellaneous	

Detailed Lesson Plan

Component	Instruction Task/Learner Task	Time (mins)	Element of Engagement
Part-I: Focused Teaching (60 mins)	<p>A quick recap of the main concepts taught in Tree models, like:</p> <ul style="list-style-type: none"> • How does decision tree work? • Decision tree regressor. • Why is a random forest considered better than a decision tree? • Different ensemble methods - Stacking; Blending; Bagging; Boosting 	60	
Part-II: Doubt resolution + P2P (30 mins)	<p>Clear the doubts that the learners might have asked (they will be asked to come up with a list of doubts which will be made available to you beforehand).</p> <p><i>Don't spend too much time on unnecessary or vaguely-constructed doubts. Also, urge the other students on the call to answer their peers' doubts to induce peer interactions.</i></p>	30	Social Support