

SESSION PLAN

Session Name

Improving your model with Feature Selection

Learning Outcomes

- Understand the importance of Feature Selection
- Know where to use Feature Selection
- Implement the different types of Feature Selection methods(Filter, Wrapper, Embedded)

Prerequisites for the Student

- Improving your model with Feature Selection - Go through the concept and solve the tasks and assessments.

Student Activities

- Discuss with the Mentor what you have learned.
- Overview of Improving your model with Feature Selection
 - Chi-Squared Test
 - ANOVA
 - Wrapper Methods
 - Embedded Methods
 - PCA
- Practice problem on Improving your model with Feature Selection
 - Refer the GitHub repo for problems
- Quiz on Improving your model with Feature Selection.
- Code Along
- Questions and Discussion on doubts - AMA

Next Session

- Concept - Decision Tree
- Key topics to be highlighted - highlight where they would need to spend more time and importance w.r.t Data Science.
 - The working of decision trees
 - Building of the right decision tree
 - Overfitting of data