

Week 0: (Total video duration= 1.6 hours. You will be required to spend 30 minutes/day along with practicing datasets.)

Learning Outcomes from the Module:

After learning from this module, learners will be able to understand:



The Business Framework in Machine Learning process



Types of Data Mining Techniques



Mentor Session Duration:
2 hours

Faculty Name:
Mr. Gurumoorthy

No. of videos:
04

Video No.	Video Name	Duration of the video	Topics Covered	Conceptual or Hands On
1	Steps of Business Framework_Part 1	40:58	<ul style="list-style-type: none"> Learning the 7 steps to solve a Machine Learning problem starting from understanding a problem, acquiring the data, cleaning it and transforming it, if needed. 	Conceptual
2	Steps of Business Framework_Part 2	21:58	<ul style="list-style-type: none"> Performing transformation of data- Statistical or Non-statistical based on the need of the data. 	Conceptual
3	Steps of Business Framework_Part 3	18:24	<ul style="list-style-type: none"> Once the data pre-processing is complete, we go into data visualization, data modelling and gathering insights. We might need to do all or few of these depending on the need. 	Conceptual
4	Types of Data Mining Techniques	16:15	<ul style="list-style-type: none"> Data Mining as a part of Machine Learning which is categorized into Supervised Learning and uses Regression and Classification techniques and Unsupervised Learning which uses Association Rules and Clustering. 	Conceptual