

Lesson No	Lesson Plan Description								
		6A1	6A2	6A3	6A4	6A5	6A6	6A7	6A8
UNIT 1	Introduction to Machine Learning	25/11/2025	24/11/2025	25/11/2025	24/11/2025	26/11/2025	24/11/2025	25/11/25	26/11/2025
UNIT 1	Learning Paradigms	28/11/2025	28/11/2025	27/11/2025	26/11/2025	27/11/2025	25/11/2025	27/11/25	28/11/2025
UNIT 1	PAC learning	29/11/2025	29/11/2025	29/11/2025	28/11/2025	29/11/2025	28/11/2025	28/11/25	03-12-2025
UNIT 1	Basics of Probability, Version Spaces	2-12-2025	1-12-2025	2-12-2025	1-12-2025	3-12-2025	1-12-2025	02/12//25	04-12-2025
UNIT 1	Machine Learning in Practice	5-12-2025	5-12-2025	4-12-2025	3-12-2025	4-12-2025	2-12-2025	04/12//25	10-12-2025
UNIT 1	Data collection, Preprocessing (Missing values, Normalization, Adopting to chosen algorithm)	6-12-2025	6-12-2025	6-12-2025	5-12-2025	6-12-2025	5-12-2025	05/12//25	11-12-2025
UNIT 1	Outlier Analysis (Z-Score)	9-12-2025	8-12-2025	9-12-2025	8-12-2025	10-12-2025	8-12-2025	09/12//25	13/12/2025
UNIT 1	Model selection & evaluation, Optimization of tuning parameters	12-12-2025	12-12-2025	11-12-2025	10-12-2025	11-12-2025	9-12-2025	11/12//25	17/12/2025
UNIT 1	Setting the environment, Visualization of results	13/12/2025	13/12/2025	13/12/2025	12-12-2025	13/12/2025	12-12-2025	12/12//25	18/12/2025
UNIT 2	Supervised Learning – I	16/12/2025	15/12/2025	16/12/2025	15/12/2025	17/12/2025	15/12/2025	16/12//25	18/12/2025
UNIT 2	Linear and Non-Linear examples	19/12/2025	19/12/2025	18/12/2025	17/12/2025	18/12/2025	16/12/2025	18/12//25	24/12/2025
UNIT 2	Multi-Class & Multi-Label classification	20/12/2025	20/12/2025	20/12/2025	19/12/2025	20/12/2025	19/12/2025	19/12//25	26/12/2025
UNIT 2	Linear Regression	23/12/2025	22/12/2025	23/12/2025	22/12/2025	24/12/2025	22/12/2025	23/12//25	27/12/2025
UNIT 2	Multilinear Regression	26/12/2025	26/12/2025	27/12/2025	24/12/2025	27/12/2025	23/12/2025	26/12//25	31/12/2025
UNIT 2	Naïve Bayes Classifier	27/12/2025	27/12/2025	30/12/2025	26/12/2025	31/12/2025	26/12/2025	30/12//25	02-01-2026
UNIT 2	Decision Trees	30/12/2025	29/12/2025	01-01-2026	29/12/2025	01-01-2026	29/12/2025	01-01-26	02-01-2026
UNIT 2	ID3 – CART – Error bounds	02-01-2026	02-01-2026	03-01-2026	31/12/2025	03-01-2026	30/12/2025	02-01-26	07-01-2026
UNIT 3	Supervised Learning - II	03-01-2026	03-01-2026	06-01-2026	02-01-2026	05-01-2026	2-1-2026	06-01-26	09-01-2026

UNIT 3	K-NN classifier	06-01-2026	05-01-2026	08-01-2026	05-01-2026	08-01-2026	5-1-2026	08-01-26	10-01-2026
UNIT 3	Logistic regression	09-01-2026	09-01-2026	10-01-2026	07-01-2026	10-01-2026	6-1-2026	09-01-26	16/01/2026
UNIT 3	Perceptrons	10-01-2026	10-01-2026	13/01/2026	09-01-2026	17/01/2026	9-1-2026	13/01/2026	16/01/2026
UNIT 3	Single layer & Multi-layer	13/01/2026	12-01-2026	17/01/2026	12-01-2026	21/01/2026	12-1-2026	16/01/2026	21/01/2026
UNIT 3	Support Vector Machines	16/01/2026	16/01/2026	20/01/2026	16/01/2026	22/01/2026	13/1/2026	20/01/2026	23/01/2026
UNIT 3	Support Vector Machines	17/01/2026	17/01/2026	22/01/2026	19/01/2026	24/01/2026	16/1/2026	22/01/2026	24/01/2026
UNIT 3	Linear & Non-linear	20/01/2026	19/01/2026	24/01/2026	21/01/2026	28/01/2026	19/1/2026	23/01/2026	28/01/2026
UNIT 3	Semi-Supervised Learning	23/01/2026	23/01/2026	27/01/2026	23/01/2026	29/01/2026	20/1/2026	23/01/2026	30/01/2026
UNIT 4	Unsupervised Learning	24/01/2026	24/01/2026	29/01/2026	28/01/2026	31/01/2026	23/1/2026	27/01/2026	30/01/2026
UNIT 4	Clustering basics	27/01/2026	30/01/2026	31/01/2026	30/01/2026	05-02-2026	27/1/2026	29/01/2026	04-02-2026
UNIT 4	Partitioned, Hierarchical and Density based	30/01/2026	31/01/2026	03-02-2026	02-02-2026	07-02-2026	30/1/2026	30/01/2026	06-02-2026
UNIT 4	K-Means clustering	31/01/2026	02-02-2026	05-02-2026	04-02-2026	18/02/2026	2-2-2026	03-02-26	06-02-2026
UNIT 4	K-Mode clustering	03-02-2026	06-02-2026	07-02-2026	06-02-2026	19/02/2026	3-2-2026	05-02-26	18/02/2026
UNIT 4	Self organizing maps	06-02-2026	07-02-2026	17/02/2026	16/02/2026	21/02/2026	6-2-2026	06-02-26	20/02/2026
UNIT 4	Expectation maximization	07-02-2026	16/02/2026	19/02/2026	18/02/2026	25/02/2026	16/2/2026	17/02/2026	20/02/2026
UNIT 4	Principal Component Analysis	17/02/2026	20/02/2026	21/02/2026	20/02/2026	26/02/2026	17/2/2026	19/02/2026	25/02/2026
UNIT 4	Reinforcement Learning	20/02/2026	21/02/2026	24/02/2026	23/02/2026	28/02/2026	20/2/2026	20/02/2026	27/02/2026
UNIT 5	Evaluation Metrics	21/02/2026	23/02/2026	26/02/2026	25/02/2026	04-03-2026	23/2/2026	24/02/2026	28/02/2026
UNIT 5	ROC Curves	24/02/2026	27/02/2026	28/02/2026	27/02/2026	07-03-2026	24/2/2026	26/02/2026	04-03-2026
UNIT 5	Evaluation Metrics	27/02/2026	28/02/2026	03-03-2026	02-03-2026	11-03-2026	27/2/2026	27/02/2026	06-03-2026

UNIT 5	Significance tests	28/02/2026	02-03-2026	07-03-2026	04-03-2026	12-03-2026	2-3-2026	03-03-26	11-03-2026
UNIT 5	Error correction in Perceptrons	03-03-2026	06-03-2026	10-03-2026	06-03-2026	14/03/2026	3-3-2026	06-03-2026	13/03/2026
UNIT 6	Ensemble Learning	06-03-2026	07-03-2026	12-03-2026	09-03-2026	18/03/2026	6-3-2026	10-03-26	14/03/2026
UNIT 6	Bagging and Boosting	07-03-2026	09-03-2026	14/03/2026	11-03-2026	19/03/2026	10-3-2026	12-03-26	18/03/2026
UNIT 6	Bagging and Boosting	10-03-2026	13/03/2026	17/03/2026	13/03/2026	21/03/2026	16/3/2026	13/03/2026	25/03/2026
UNIT 6	Random forests	13/03/2026	14/03/2026	19/03/2026	16/03/2026	25/03/2026	23/3/2026	17/03/2026	27/03/2025
Class Test/Doubt Class		14/03/2026	16/03/2026	21/03/2026	18/03/2026	27/03/2026	27/3/2026	19/03/2026	28/03/2026

ML_Theory_Planned Date										
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