| Lesson No | Lesson Plan Description | 6A1 | 6A2 | 6A3 | 6A4 | 6A5 | 6A6 | 6A7 |
|---|---|---|---|---|---|---|---|---|
| UNIT 1 | Dealing with Data using Numpy, Pandas, Statistics library. | 27/11/2025 | 26/11/2025 | 24/11/2025 | 25/11/2025 | 27/11/2025 | 26/11/2025 | 13/12/2025 |
| UNIT 1 | Data Analysis & Visualization on Diwali Sales Dataset. | 27/11/2025 | 03-12-2025 | 01-12-2025 | 02-12-2025 | 27/11/2025 | 03-12-2025 | 13/12/2025 |
| UNIT 2 | Implement linear regression and logistic regression. | 4-12-2025 | 10-12-2025 | 8-12-2025 | 09-12-2025 | 4-12-2025 | 10-12-2025 | 27/12/2025 |
| UNIT 3 | Implement the naïve Bayesian classifier for a sample training data set stored as a .CSV file. Compute the accuracy of the classifier, considering a few test data sets. | 11-12-2025 | 17/12/2025 | 15/12/2025 | 16/12/2025 | 11-12-2025 | 17/12/2025 | 27/12/2025 |
| UNIT 3 | Assuming a set of documents that need to be classified, use the naïve Bayesian Classifier model to perform this task. | 18/12/2025 | 24/12/2025 | 22/12/2025 | 23/12/2025 | 18/12/2025 | 24/12/2025 | 10-01-2026 |
| UNIT 3 | Decision tree-based ID3 algorithm. | 01-01-2026 | 31/12/2026 | 29/12/2026 | 30/12/2025 | 01-01-2026 | 31/12/2026 | 24/01/2026 |
| | Class Test/ Manual Check | 08-01-2026 | 07-01-2026 | 05-01-2026 | 06-01-2026 | 08-01-2026 | 07-01-2026 | 24/01/2026 |
| UNIT 3 | Write a program to implement the K-Nearest Neighbor algorithm to classify the iris data set. | 22/01/2026 | 21/01/2026 | 12-01-2026 | 13/01/2026 | 22/01/2026 | 21/01/2026 | 24/01/2026 |
| UNIT 4 | Apply EM algorithm to cluster a set of data stored in a .CSV file. Use the same data set for clustering using k-Means algorithm. | 29/02/2026 | 28/02/2026 | 19/01/2026 | 20/01/2026 | 29/02/2026 | 28/02/2026 | 28/02/2026 |
| UNIT 4 | Write a program to construct a Bayesian network considering medical data. Use this model to demonstrate the diagnosis of heart patients using standard Heart Disease Data Set. | 05-02-2026 | 04-02-2026 | 02-02-2026 | 27/01/2026 | 05-02-2026 | 04-02-2026 | 28/02/2026 |
| UNIT 2 & UNIT 3 | Compare the various supervised learning algorithm by using appropriate dataset. (Linear Regression, Support Vector Machine, Decision Tree) | 19/02/2026 | 18/02/2026 | 16/02/2026 | 03-02-2026 | 19/02/2026 | 18/02/2026 | 14/03/2026 |
| UNIT 2 & UNIT 3 | Compare the various Unsupervised learning algorithm by using the appropriate datasets. (K Means Clustering, K Mode). | 26/02/2026 | 25/02/2026 | 23/02/2026 | 17/02/2026 | 26/02/2026 | 25/02/2026 | 14/03/2026 |

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| UNIT 2 & UNIT 3 | Build an Artificial Neural Network by implementing the Backpropagation algorithm and test the same using appropriate data sets. | 12/03/2026 | 11-03-2026 | 09-03-2026 | 24/02/2026 | 12/03/2026 | 11-03-2026 | 28/03/2026 |
| | Manual Check/ Internal Viva | 19/03/2026 | 18/03/2026 | 16/03/2026 | 46084 | 19/03/2026 | 18/03/2026 | 28/03/2026 |

| | | | | | ML_Lab_Planned Date | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **6A8** | **6A9** | **6A10** | **6A11** | **6A12** | **6A13** | **6A14** | **6A15** | **6A16** | **6A17** | **6A18** |
| 24/11/2025 | 13/12/2025 | 25/11/2025 | 25/11/2025 | 28/11/2025 | 29/11/2025 | 25/11/2025 | 26/11/2025 | 24/11/2025 1/12/2025 | 28/11/2025 | 27/11/2025 |
| 01-12-2025 | 13/12/2025 | 02-12-2025 | 02-12-2025 | 05-12-2025 | 06-12-2025 | 02-12-2025 | 03-12-2025 | 8-12-2025 | 28/11/2025 | 27/11/2025 |
| 8-12-2025 | 20/12/2025 | 9-12-2025 | 9-12-2025 | 12-12-2025 | 13/12/2025 | 9-12-2025 | 10-12-2025 | 15/12/2025 | 5-12-2025 | 4-12-2025 |
| 15/12/2025 | 20/12/2025 | 16/12/2025 | 16/12/2025 | 19/12/2025 | 20/12/2025 | 16/12/2025 | 17/12/2025 | 22/12/2025 | 12/12/2025 & 19/12/2025 | 11-12-2025 |
| 22/12/2025 | 10-01-2026 | 23/12/2025 | 23/12/2025 | 26/12/2025 | 27/12/2025 | 23/12/2025 | 24/12/2025 | 29/12/2025 | 26/12/2025 | 18/12/2025 |
| 29/12/2026 | 10-01-2026 | 30/12/2026 | 30/12/2026 | 02-01-2026 | 03-01-2026 | 30/12/2026 | 31/12/2026 | 5-1-2026 | 02-01-2026 | 01-01-2026 |
| 05-01-2026 | 24/01/2026 | 06-01-2026 | 06-01-2026 | 09-01-2026 | 10-01-2026 | 06-01-2026 | 07-01-2026 | 12-1-2026 | 09-01-2026 | 08-01-2026 |
| 12-01-2026 | 24/01/2026 | 13/01/2026 | 13/01/2026 | 16/01/2026 | 17/01/2026 | 13/01/2026 | 21/01/2026 | 19/1/2026 | 16/01/2026 | 22/01/2026 |
| 19/01/2026 | 14/02/2026 | 20/01/2026 | 20/01/2026 | 23/01/2026 | 24/01/2026 | 20/01/2026 | 28/02/2026 | 2-2-2026 | 23/01/2026 | 29/02/2026 |
| 02-02-2026 | 14/02/2026 | 27/01/2026 | 27/01/2026 | 30/01/2026 | 31/01/2026 | 27/02/2026 | 04-02-2026 | 16/2/2026 | 30/01/2026 & 06/02/2026 | 05-02-2026 |
| 16/02/2026 | 28/02/2026 | 03-02-2026 | 03-02-2026 | 06-02-2026 | 07-02-2026 | 03-02-2026 | 18/02/2026 | 23/2/2026 | 20/02/2026/ | 19/02/2026 |
| 23/02/2026 | 28/02/2026 | 24/02/2026 | 2/202524/02/20 | 21/02/2026 | 15/02/2026 | 24/02/2026 | 25/02/2026 | 2-3-2026 | 27/02/2026 | 26/02/2026 |

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| 09-03-2026 | 14/03/2026 | 03-03-2026 | 3/202610/03/20 | 28/02/2026 | 22/02/2026 | 03-03-2026 | 11-03-2026 | 9/3/2026 & 16/3/2026 | 06-03-2026 | 12/03/2026 |
| 16/03/2026 | 14/03/2026 | 17/03/2026 | 3/202624/03/20 | 13/03/2026 | 29/02/2026 | 17/03/2026 | 18/03/2026 | 23/3/2026 | 13/03/2026 & 27/03/2026 | 19/03/2026 |

| 6A19 | 6A20 | 6A21 | 6A22 | 6B1 | 6B2 | 6B3 | 6B4 | 6B5 | 6B6 |
|---|---|---|---|---|---|---|---|---|---|
| 29/11/2025 | 27/11/2025 | 25/11/2025 2/12/2025 | 24/11/2025 1/12/2025 | 26/11/2025 | 13/12/2025 | 28/11/2025 | 26/11/2025 | 27/11/2025 | 13/12/2025 |
| 06-12-2025 | 27/11/2025 | 9-12-2025 | 8-12-2025 | 03-12-2025 | 13/12/2025 | 28/11/2025 | 03-12-2025 | 27/11/2025 | 13/12/2025 |
| 13/12/2025 | 4-12-2025 | 16/12/2025 | 15/12/2025 | 10-12-2025 | 27/12/2025 | 5-12-2025 | 10-12-2025 | 4-12-2025 | 27/12/2025 |
| 20/12/2025 | 11-12-2025 | 23/12/2025 | 22/12/2025 | 17/12/2025 | 27/12/2025 | 12/12/2025 & 19/12/2025 | 17/12/2025 | 11-12-2025 | 27/12/2025 |
| 10-01-2026 | 18/12/2025 | 30/12/2025 | 29/12/2025 | 24/12/2025 | 10-01-2026 | 26/12/2025 | 24/12/2025 | 18/12/2025 | 10-01-2026 |
| 17/01/2026 | 01-01-2026 | 6-1-2026 | 5-1-2026 | 31/12/2026 | 24/01/2026 | 02-01-2026 | 31/12/2026 | 01-01-2026 | 24/01/2026 |
| 31/01/2026 | 08-01-2026 | 13/1/2026 | 12-1-2026 | 07-01-2026 | 24/01/2026 | 09-01-2026 | 07-01-2026 | 08-01-2026 | 24/01/2026 |
| 07-02-2026 | 22/01/2026 | 20/1/2026 | 19/1/2026 | 21/01/2026 | 24/01/2026 | 16/01/2026 | 21/01/2026 | 22/01/2026 | 24/01/2026 |
| 21/02/2026 | 29/02/2026 | 27/1/2026 | 2-2-2026 | 28/02/2026 | 28/02/2026 | 23/01/2026 | 28/02/2026 | 29/02/2026 | 28/02/2026 |
| 28/02/2026 | 05-02-2026 | 3-2-2026 | 16/2/2026 | 04-02-2026 | 28/02/2026 | 30/01/2026 & 06/02/2026 | 04-02-2026 | 05-02-2026 | 28/02/2026 |
| 07-03-2026 | 19/02/2026 | 17/2/2026 | 23/2/2026 | 18/02/2026 | 14/03/2026 | 20/02/2026 | 18/02/2026 | 19/02/2026 | 14/03/2026 |
| 14/03/2026 | 26/02/2026 | 24/2/2026 | 2-3-2026 | 25/02/2026 | 14/03/2026 | 27/02/2026 | 25/02/2026 | 26/02/2026 | 14/03/2026 |

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| 21/03/2026 | 12/03/2026 | 3/3/2026 & 10/3/2026 | 9/3/2026 & 16/3/2026 | 11-03-2026 | 28/03/2026 | 06-03-2026 | 11-03-2026 | 12/03/2026 | 28/03/2026 |
| 28/03/2026 | 19/03/2026 | 17/3/2026 & 27/3/2026 | 23/3/2026 | 18/03/2026 | 28/03/2026 | 13/03/2026 & 27/03/2026 | 18/03/2026 | 19/03/2026 | 28/03/2026 |