**Class/Semester:** BE / VII **Course Code:** CSL701

**Couse:** Machine Learning Lab

**Laboratory Name:** Database Lab

**Course Outcomes:**

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| CSL701.1 | Analyze the data and apply appropriate Regression Technique on the given Dataset |
| CSL701.2 | Analyze the results obtained by applying appropriate Classification Technique on the given Dataset |
| CSL701.3 | Analyze the results obtained by applying appropriate Ensemble Technique on the given Dataset |
| CSL701.4 | Apply appropriate Unsupervised Technique on the given Dataset |
| CSL701.5 | Analyze the results obtained by applying Dimensionality Reduction on the given Dataset |
| CSL701.6 | Build a Machine Learning Application |

**List of Laboratory Experiments**

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| **Exp. No.** | **Name of Experiment** |
| 1 | Analyze the Boston Housing dataset and Apply appropriate Regression Technique |
| 2 | Analyze the Titanic Survival Dataset and Apply appropriate Regression Technique |
| 3 | Apply Decision Tree Algorithm on Adult Census Income Dataset and analyze the performance of the model |
| 4 | Apply Random Forest Algorithm on Adult Census Income Dataset and analyze the performance of the model |
| 5 | Apply Boosting Algorithm on Adult Census Income Dataset and analyze the performance of the model |
| 6\* | Apply Hierarchical Clustering algorithm on the Wholesale Customers Dataset |
| 7 | Apply Dimensionality Reduction on Adult Census Income Dataset and analyze the performance of the model |
| 8 | Mini – Project |

Subject Incharge

(Dr. Swapna Borde)