

INDEX

PSIT303A: Machine Learning

Sr. No.	Title/Aim	Date	Sign
1	Design a simple machine learning model to train the training instances and test the same.	30/08/2023	
2	Implement and demonstrate the find-s algorithm for finding the most specific	08/09/2023	
3	Support Vector Machine Algorithm for Multiclass classification using Iris.CSV & wine dataset from sklearn	15/09/2023	
4	For a given set of training data examples stored in a .csv file, implement and demonstrate the candidate-elimination algorithm to output a description of the set of all hypotheses consistent with the training examples.	27/09/2023	
5	Write a program to implement the Naïve Bayesian classifier for a sample training data set stored as a .csv file. Compute the accuracy of the classifier, considering few test data sets.	04/10/2023	
6	Decision Tree classifier & Random Forest Classifier	13/10/2023	
7	Data loading, feature scoring and ranking, feature selection (principal component analysis)	9/11/2023	
8	A) For a given set of training data examples stored in a CSV. File implement Least Square Regression Algorithm. B) For a given set of training data examples stored in a .CSV file implement Logistic Regression algorithm	9/11/2023	
9	A) Build an artificial Neural Network by implementing the Backpropagation algorithm and test the same using appropriate data sets. B) Perform Text pre-processing, Text clustering, classification with Prediction, Test Score and Confusion Matrix	29/11/2023	
10	A) Implement the different Distance methods (Euclidean) with Prediction, Test Score and Confusion Matrix B) Implement the classification model using K means clustering with Prediction, Test Score and Confusion Matrix	01/12/2023	