

ML Lab (CS360)

Assignment 10

1. Implement the MLP (own code) using the wine dataset and report the class-wise and overall accuracy for 5-fold cross validation.
2. Implement the K-means (own code) clustering algorithm on the wine dataset (without using the label). Report the sum-square-error (SSE) by varying K values.
3. Implement the MLP and k-means clustering algorithm on the wine dataset using the inbuilt library function. Compare the results with the above-mentioned two questions.
4. Implement the PSO and genetic algorithm (GA) for clustering considering any one feature of the IRIS dataset and report SSE.

Please do not copy anyone's code. Try to learn to code.

Thank you
Happy learning