*Session12: Assignment 1*

1. Introduction

This assignment will help you to consolidate the concepts learnt in the session.

1. Problem Statement

In this assignment students have to transform iris data into 3 dimensions and plot a 3d chart with transformed dimensions and color each data point with specific class.

Hint:

import numpy as np

import matplotlib.pyplot as plt

from mpl\_toolkits.mplot3d import Axes3D

from sklearn import decomposition

from sklearn import datasets

**Note: The solution shared through Github should contain the source code used**

**and the screenshot of the output.**

***3. Solution:***

**Please fine the solution in the attached HTML file, I am unable to upload it directly to Github link.**

**Kindly enable the word file before clicking on the object so that it opens in a browser.**

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