



## Session 30

### Assignment 1 Question

# *Session 30: Assignment 1*

## **Table of Contents**

1. Introduction

2. Problem Statement

3. Output

## 1. Introduction

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

## 2. 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. Output

N/A