

Write-up	Correctness of Program	Documentation of Program	Viva	Timely Completion	Total	Dated Sign of Subject Teacher
4	4	4	4	4	20	

Expected Date of Completion:.....

Actual Date of Completion:.....

## Group A

### Assignment No: 9

#### Title of the Assignment: Data Visualization II

1. Use the inbuilt dataset 'titanic' as used in the above problem. Plot a box plot for distribution of age with respect to each gender along with the information about whether they survived or not. (Column names : 'sex' and 'age')
2. Write observations on the inference from the above statistics.

**Objective of the Assignment:** Students should be able to perform the data Visualization operation using Python on any open source dataset

#### Prerequisite:

1. Basic of Python Programming
2. Seaborn Library, Concept of Data Visualization.

#### Assignment Questions

1. Write down the code to use inbuilt dataset 'titanic' using seaborn library.
2. Write code to plot a box plot for distribution of age with respect to each gender along with the information about whether they survived or not.
3. Write the observations from the box plot.