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

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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.**