

Practical no 9

Tutorial

In this practical we will be plotting the boxplots of the Titanic dataset and performing operations as specified in the lab manual.

As the Titanic dataset doesn't have to be downloaded and we can import it from the seaborn library.

Here is the video link for the tutorial: (
<https://www.youtube.com/watch?v=I7eHTFqCXb8>)

Here are the steps:

Step 1: write the following code:

```
import seaborn as sns  
dataset = sns.load_dataset('titanic')  
dataset.head()  
sns.boxplot(x='sex',y='age', data = dataset)  
sns.boxplot(x='sex',y='age', data=dataset, hue='survived')
```

Step 2: execute the following code and the plots will appear.

Step 3: we need to do analysis based on the questions given in the manual.

Step 4: after performing the analysis save the file.