

## Lab week 9 Visualization

This lab exercise is about using matplotlib in actual dataset.

Use the titanic data set and perform the following tasks:

- a. Create a bar graph to show the number of males and females who have died and survived.
- b. Create a bar graph and show the number of males and females in the age range [20, 40]
- c. Use a plot and show if there is any relationship between the number of survived passengers and their class ticket.
- d. Use a plot and show the relation between fare and class ticket.
- e. Use a pie chart and visualize the population among three different class ticket.