

## CPSC Assignment-3 Part-2

### Question-3

Write a summary of your findings in one page (e.g., summary statistics, plots) and submit the pdf file. Therefore, for part 2 of your assignment, you need to submit one jupyter notebook file and one pdf file.

Summary for Hypothesis-1 (Survival rate against the passenger class)

→ On performing this hypothesis it can be seen that the survival rate decreases as the passenger class decreases. So by this we can say that passenger class is associated with the survival rate.

Summary for Hypothesis-2 (Survival rate against gender)

→ On performing this hypothesis it can be seen that the survival rate for females is very much higher than for males. Thus, we can say gender is associated with the survival rate.

Summary for Hypothesis-3 (Survival rate against age)

→ On performing this hypothesis it can be seen that there is no clear association between survival rate and age. But for children there can be seen higher survival rate under age of 10.