# DAND Project – Creating a Tableau story

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Dataset Used – Titanic Dataset

***Rough Version***

https://public.tableau.com/profile/alex5543#!/vizhome/TitanicRough/TitanicStory

***Final Version***

https://public.tableau.com/profile/alex5543#!/vizhome/TitanicFinal_4/TitanicStory

Summary

It is a well-known fact that the titanic had lesser number of lifeboats than required according to the number of passenger. Hence, my aim of this tableau story was to see how the evacuation process was done and did it have any relationship with various differences like class, gender, age etc.

## Design

1. I decided to first show the passenger details of the Titanic using multiple plots that showed distribution across class, age and gender.
2. I then decided to show the embarkment differences amongst the passengers based on age, gender and class.
3. Next was perhaps the two most important segments where I showed plots detailing survival rates amongst the passengers and how they differed based on Class, Sex and Age. Both female and male passenger details were plotted separately in order to allow better comparison.
4. Finally! Displayed the details of the passengers in a list as a sort of reminder and also provided a plot that used shapes in Marks section of Tableau to give an understanding of casualty rates across different classes.

## Feedback

I asked feedback and suggestions from my friends orally and received the following:
1. Use clear labels when showing survived or not across the plots.
2. Maybe use better colour combinations for men and women.
3. Avoid displaying the count inside the bars in Survival by Age plot.

**Positives**
1. Nice display of data with minimal text.
2. Proper sequence in the story
3. Visually appealing
4. Gives clear answers about survival rates based on different parameters

## Actions Taken

I incorporated the suggestions I received. I changed the label of survived data from '0' and '1' to Deaths and survived. I also removed the displaying of count inside the bars in the survival by Age plot. I didn't change the colour combinations as it seemed Okay to me in this regard.

The plots in the story make it clear that women had much more chances of surviving across the classes than men. This is probably due to the women and minors first rule in the evacuation rules. Money also played a factor in the survival rates and people from First Class had higher survival rates that the cheaper classes.