The Tableau Story – Sumukha K

Initial Design: https://tabsoft.co/2J4Rpa9

2nd Design: https://tabsoft.co/2JW053S

Final Design: https://tabsoft.co/2Hhqqri

Comments on Initial Design:

1. I liked that you gave some explanation of terms and made an argument with your data, I came away understanding exactly what you were trying to convey. A few notes:
   - Your prelude section looks like a copy-paste from Wikipedia. Be sure to use your own words or credit your source.

   - You could probably combine the 'classes explanation' pane with the next graph panel. Relabeling the 'pclass' field would also probably make things more clear.

   - Good job using survival rates instead of raw survival numbers, I think they give a clearer picture.

   Action taken: Fixed all the problem described above in the Final Design

2. https://review.udacity.com/#!/reviews/1163748

   Action taken: Fixed all the problem described above in the Final Design

Project Explanation and findings:

RMS Titanic incident is one of the most tragedy shipwrecks in the history. On April 15, 1912, the ship sank after colliding with an iceberg leading death of thousands of passengers. The main reason for the death was there were not enough life boat.

Main Findings:
1. Titanic incident took a lot of life. More than 61% of people died in the incident
2. In general, female passengers were most likely to get survived than male passengers
3. The higher the ticket class, more chances of the survival
4. Minors are most likely to get survived than other people

Explanation:

1. Slide 1:
   a. **Chart type** : Pie chart
   b. **Colour used**: Yellow for Survived and Orange for Died
   c. **Findings**: The total member in the data set given is 891 over which 342 members Survived and 549 members died ie., over 61.52% died due to incident and 38.38% got their life saved
2. Slide 2:
   a. **Chart type** : Pie chart
   b. **Colour used**: Navy Blue for Male Passengers and Pink for Female Passengers

  c. **Findings**: In general Females were most likely to get survived than that of Male passengers. It can be observed that out of 342 people who were survived 68.13 %(233 members) were female and 31.87%(109 members) were male passengers
3. Slide 3:
  a. **Chart type** : Bar Graph
  b. **Colour used**: Blue
  c. **Layout**: The x axis is the passenger's ticket class and y axis is Chances of survival in %.
  d. **Findings**: The higher the ticket class, the more likely to get survived
4. Slide 3:
  a. **Chart type** : Bar Graph
  b. **Colour used**: Navy Blue for Male passengers and Pink for Female Passengers
  c. **Layout**: The x axis is the Gender of Passenger and y axis is Chances of survival in %.
  d. **Findings**: In every class female passengers are more likely to survive than men. Also its clear that the higher the ticket class, the more chances of survival
5. Slide 3:
  a. **Chart type** : Bar Graph
  b. **Colour used**: Blue
  c. **Layout**: The x axis is the Age group and y axis is Chances of survival in %.
  d. **Findings**: Minors were more likely to get survived than that of other people

Other observations:
1. For 1st class *female* passengers, Elders are more likely to survive and minors are least likely to survive
2. For 1st class *male* passengers, Minors are more likely to survive and elders are least likely to get survived
3. For 2nd class *female* passengers, Minors are more likely to survive and Elders are least likely to survive
4. For 2nd class *male* passengers , Minors are most likely to get survived while Adults are least likely to get survived
5. For 3rd class *female* passengers, Elders are most likely to get survived while Adults are least likely to get survived
6. For 3rd class *male* passengers, Minors are most likely to get survived while Elders are most likely to die.