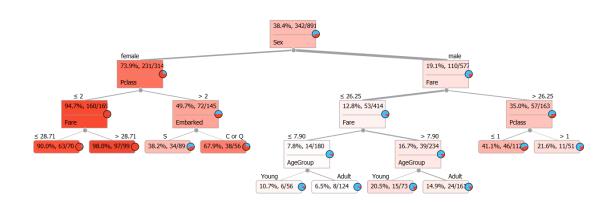
Dandy Wibowo (334541)

The Goals:

- 1. Find which factors are crucial to surviving. Your data mining findings should allow you to show the most important factors,
- 2. Answer the question using your model (not what was in the <u>movie</u>: Who has a higher chance to survive: Jack, as a young male, traveling alone as a passenger of 3rd class, or Rose, as a young female, traveling with family and passenger of 1st class?

The Answer:

1. The highest factors that affect survival rates are gender. Women have a higher chance of survival than men. 73.9% of women survive, and men only 19.1%. The second factor is the class of passengers; 94.7% of women in the first and second classes stayed than those in the third. For men, the fare has the most significant impact after gender, there 35% of the men passengers survived if they paid > 26.25.



2. According to the model created by the author, Rose has a bigger chance of survival than Jack.



The above picture shows Rose is predicted to survive the titanic accident based on the four models. For test and score results show in the following picture.

