Abstract

The sinking of the RMS Titanic caused the death of thousands of passengers and crew is one of the deadliest maritime disasters in history. One of the reasons that the shipwreck led to such loss of life was that there were not enough lifeboats for the passengers and crew. The interesting observation which comes out from the sinking is that some people were more likely to survive than others, like women, children were the one who got the priority to rescue. The objective is to first explore hidden or previously unknown information by applying exploratory data analytics on available dataset and then apply different machine learning models to complete the analysis of what sorts of people were likely to survive. After this the results of applying machine learning models are compared and analyzed on the basis of accuracy.

References

8. MICHAEL AARON WHITLEY, Using statistical learning to predict survival of passengers on the RMS Titanic by Michael Aaron Whitley, 2015.
10. EECS 349 Titanic- Machine Learning From Disaster, Xiaodong Yang, Northwestern University.
25. Proceedings of Student-Faculty Research Day, CSIS, Pace University, May 2nd, 2014.

Index Terms
Keywords