Purpose:

Complete the analysis of what sorts of people were likely to survive. In particular, it is necessary to use the tools of machine learning to predict which passengers survived the tragedy. After completing this research, the solution should be able to:

* Find out the type of passengers who have the greatest chance of survival
* Get the average passenger on Titanic
* Compare accuracy of different methods

Tasks:

* Find out which variables to use for analysis
* Use the R studio or another environment to code random forest model
* Use the R studio or another environment to code logistic regression
* Build probability model based on neuron network
* Build models based on data whose schema is composed of attributes
* Predict the survive probability for concrete parameter

References

References used in this research:

* <https://www.kaggle.com/c/titanic>
* <https://www.kaggle.com/benhamner/titanic/random-forest-benchmark-r/code>
* https://www.kaggle.com/mrisdal/titanic/exploring-survival-on-the-titanic