**[Machine Learning from Titanic](https://www.kaggle.com/c/titanic-gettingStarted)**

* Project Description

In 1912, during the Titanic’s maiden voyage, she sank after deadly collided an iceberg, with 1502 passengers and crew dead or lost.

There were several reasons led to the loss of life. But the critical one was limitation of life-boats. And under this circumstance, some of the passengers or crew might have priority to board life-boats, or who might be more likely to survive in this disaster, for example women and children.

In the last decade, people had studied Titanic dataset in many ways. And in my project, I would implement machine learning tools to analyze classifications of people who were more likely to survive in this disaster and predict which passengers survived the tragedy.

* Data Source and Description:

Dataset: Classical Titanic dataset, in .csv format.

Column Name: PassengerId, Survived/Not, Pclass, Name, Sex, Age, SibSp, Parch, Ticket, Fare, Cabin, Embarked

Training Data: Passenger ID from 1 to 891

Test/Predict Data: Passenger ID from 892 to 1309.

* Programing language and modules:

Python (Pandas, Numpy, sklearn, etc.)

* Reference:

Lecture notes;

Kaggle Competition