Would You Survive the Titanic?

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* For our project, our group decided on analyzing Titanic passengers datasets and seeing who would survive the Titanic. We gathered the datasets from Kaggle.
* The train.csv will help us predict whether the passengers in the test.csv survived
* We will be using pandas, python,random forest model, sklearn
* Making an interface that lets the user predict if they would survive the titanic or not. (sex, number of siblings/spouses, cabin class).
* We will use this data:

#Data Dictionary

#Variable Definition Key

#survival Survival 0 = No, 1 = Yes

#pclass Ticket class 1 = 1st, 2 = 2nd, 3 = 3rd

#sex Sex

#Age Age in years

#sibsp # of siblings / spouses aboard the Titanic

#parch # of parents / children aboard the Titanic

#ticket Ticket number

#fare Passenger fare

#cabin Cabin number

#embarked Port of Embarkation C = Cherbourg, Q = Queenstown, S = Southampton

* We used sqlalchemy to read in our data csv files