thirdAttempt.rmd

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load train set

```
train <- read.csv("~/Kaggle/Titanic:MachineLearningfromDisaster/titanic/train.csv")
```

load test set

```
test <- read.csv("~/Kaggle/Titanic:MachineLearningfromDisaster/titanic/test.csv")
```

rpart package

Recursive Partitioning and Regression Trees using CART decision tree algorithm

```
library(rpart)
```

first model

```
fit <- rpart(Survived ~ Pclass + Sex + Age + SibSp + Parch + Fare + Embarked, data = train, method = "c
```

examine the tree

```
plot(fit)
text(fit)
```

Sex=b

Age>=6.5

SibSp>=2.5

0

0   1

Fare>=23.35

0

Pclass>=2.5

1

Embarked=d

Fare<10.82

Fare>=17.6

1

0

0   1