

# Applied Machine Learning

## Assignment 1

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September 12, 2015

### 1 Digit Recognizer

All the documents are in the *Digit* folder.

*Digit.pdf* is the summary of our work.

*digit.py* and *MyKNearestNeighborClassifier.py* are the source code we write to do the classification.

The folder *figures* is where all the histogram and images saved.

Please see more details in *Digit.pdf*.

### 2 The Titanic Disaster

All the documents are in the *Titanic* folder.

*Titanic.pdf* is the summary of our work.

*Titanic.Rmd* is the source code we write to do the classification.

Please see more details in *Titanic.pdf*.

### 3 Writing Exercise

*HW1\_writing\_exercise.pdf* is our solution of the writing exercise.