

# Applied: Exercise 16

## Import Notebook Functions

```
from notebookfuncs import *
```

## Exercise 16

Using the Boston data set, fit classification models in order to predict whether a given census tract has a crime rate above or below the median. Explore logistic regression, LDA, naive Bayes, and KNN models using various subsets of the predictors. Describe your findings.

**Hint:** You will have to create the response variable yourself, using the variables that are contained in the Boston data set.

```
allDone();
```

```
<IPython.lib.display.Audio object>
```