

AppliedEx16

February 21, 2025

1 Applied: Exercise 16

1.1 Import Notebook Functions

```
[1]: from notebookfuncs import *
```

1.2 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.

```
[2]: allDone();
```

<IPython.lib.display.Audio object>