

EDA Exercise 1

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Beginning R Markdown

Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

Start by opening R Studio and clicking the green and white icon in the upper left corner.

Choose the R Markdown option

This will produce a dialog window. Choose document and pdf options and give your document a title.

Click the “Knit PDF” icon. This will produce a dialog box. Give the Rmd file a name and save it.

Now you are ready to go.

Reading a file into memory

Use a browser to navigate to the data.gov site.

The goal of this exercise is to accomplish the following tasks *and record the R code required to do so in an R Markdown document*:

Find the data set involving the city of Somerville, MA. traffic violations.

1. Read the associated CSV file into memory.
2. Read the associated JSON file into memory.