markdoc package example

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In this example, I will demonstrate how to create headings, style text, insert a graph, and create dynamic tables with the **markdoc** package. I will also demonstrate how to hide a chunk of code and output from SMCL log file. I will use **auto.dta** and practice some of the most basic Stata commands on the **weight** variable, which indicates the weight of the vehicle. I begin by summarizing the **weight** variable.

```
. summarize weight
    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+--------------------------------------------------------
      weight |         74    3019.459    777.1936       1760       4840
```

As shown in the output of the **summarize** command, the **weight** variable includes 74 observations with a mean of 3019.5 and a standard deviation of 777.2. Alternatively, I could create a loop for several variables to create a dynamic table with a better appearance and less detail.

Table 1. Summary of `weight`, `price`, and `mpg` variables

Variable Name	Mean	SD
weight	3019.46	777.19
price	6165.26	2949.50
mpg	21.30	5.79

Inserting a figure

To demonstrate how to insert a figure in the dynamic document, I create a histogram of the **weight** variable and export it to **.png**, which is a widely used lossless format.
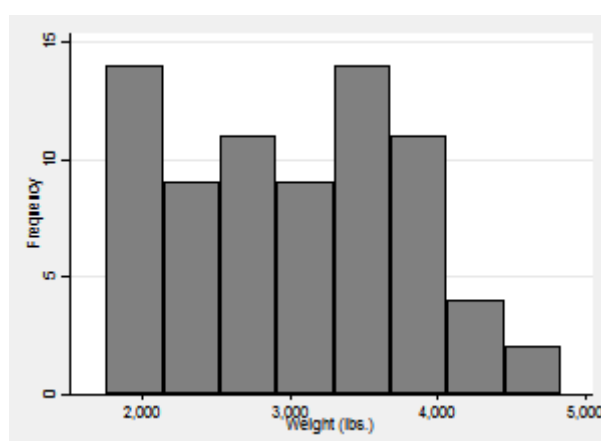

Figure 1. Distribution of the **weight** variable