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---
title: 'Unofficial Kahn Academy R Supplement: Dot Plots and Frequency Tables /
Histograms'
output:
  pdf_document: default
  html_notebook: default
  html_document: default
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```

Frequency tables were already touched on in the lesson on "categorical data displays," but to reiterate, you can create a frequency table by simply placing the variable inside the `*table*` command:

```

```{r}

table(mtcars$gear)

```

```

As described in the Kahn Academy lecture, dot plots are very similar, but use dots to denote frequency instead of the more straight-up numbers.

```

```{r}

dotchart(mtcars$gear)

```

```

Once again, there are various ways to tweak the dot plot (see <http://www.statmethods.net/graphs/dot.html>).

Finally, histograms are created with the `*hist*` command (hopefully you are beginning to see the pattern).

```

```{r}

hist(mtcars$mpg)

```

```

Once again, this basic graph can be developed and refined: <https://www.r-bloggers.com/how-to-make-a-histogram-with-basic-r/>.