# Practice Plotting

Referenced from lesson [Displaying Categorical Data](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/displaying-categorical-data/index.shtml) (Spring, 2021)

Use Pyret to make the following displays, then write the code on the blank line below:

1. A pie-chart showing the species of animals from the shelter.
2. A bar-chart showing how many animals are fixed or not.
3. A histogram of the number of pounds that animals weigh.
4. A box-plot of the number of weeks that it takes animals to be adopted.
5. A scatter-plot, using the animals name as the labels, age as the x-axis, and pounds as the y-axis, for all the animals from the shelter.
6. A scatter-plot, using the animals species as the labels, age as the x-axis, and weeks as the y-axis, for all the animals from the shelter.
7. (Challenge) An lr-plot, using the animals species as the labels, pounds as the x-axis, and weeks as the y-axis, for all the animals from the shelter.

*These materials were developed partly through support of the National Science Foundation, (awards 1042210, 1535276, 1648684, and 1738598).  Bootstrap:Data Science by the* [*Bootstrap Community*](https://bootstrapworld.org/community/index.shtml) *is licensed under a* [*Creative Commons 4.0 Unported License*](https://creativecommons.org/licenses/by-nc-nd/4.0/)*. This license does not grant permission to run training or professional development. Offering training or professional development with materials substantially derived from Bootstrap must be approved in writing by a Bootstrap Director. Permissions beyond the scope of this license, such as to run training, may be available by contacting* [*contact@BootstrapWorld.org*](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/displaying-categorical-data/pages/mailto:contact@BootstrapWorld.org)*.*

Last updated 2021-10-12 13:35:42 -0400