# Summarizing Columns in the Animals Dataset

Referenced from lesson [Measures of Center](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/measures-of-center/index.shtml) (Spring, 2021)

Find the measures of center and spread to summarize the pounds column of the Animals Table.

Be sure to add examples to your Contracts page as you work.

## **Measures of Center**

The three measures of center for this column are:

| Mean (Average) | Median | Mode(s) |
| --- | --- | --- |
|  |  |  |

Since the mean is [higher/lower/about equal] compared to the median, this suggests the shape is [skewed right (or high outliers) / skewed left (or low outliers) / symmetric].

## **Measures of Spread**

My five-number summary is:

| Minimum | Q1 | Median | Q3 | Maximum |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

## **Displaying Center and Spread with a Box Plot**

Draw a box plot from this summary on the number line below.

Be sure to label the number line with consistent intervals.



From this summary and box plot, I conclude:

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