# Shape of My Dataset

Referenced from lesson [Spread of a Data Set](https://www.bootstrapworld.org/materials/spring2021/en-us/courses/data-science/lessons/measures-of-spread/index.shtml) (Spring, 2021)

Find the measures of center and spread to summarize a column of your dataset.

The column I chose to summarize is .

## **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 | Q2 (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:

*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/measures-of-spread/pages/mailto:contact@BootstrapWorld.org)*.*

Last updated 2021-12-13 15:18:35 -0500