# Critiquing Written Findings

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)

Consider the following dataset, representing the heaviest bench press (in lbs) for ten powerlifters:

135, 95, 230, 135, 203, 55, 1075, 135, 110, 185

1. In the space below, rewrite this dataset in sorted order.

1. In the table below, compute the measures of center for this dataset.

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

1. The following statements are correct …​ but misleading. Write down the reason why.

| Statement | Why it’s misleading |
| --- | --- |
| “More personal records are set at 135 lbs than any other weight!” |  |
| “The average powerlifter can bench press 235 lbs.” |  |
| “With a median of 135, that means that half the people in this group can’t even lift 135 lbs.” |  |

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