



# Task 2

	A	B	C	D	E	F	G	H
1	Professor	Weight		Mean	Median	Mode	S.D	Variance
2	Schmuggles	165		29.58333333	23	0	-115.1995649	2315.083333
3	Bopsey	213		-18.41666667	-25	-48	-163.1995649	2267.083333
4	Palitto	189		5.583333333	-1	-24	-139.1995649	2291.083333
5	Homer	187		7.583333333	1	-22	-137.1995649	2293.083333
6	Schnickerson	165		29.58333333	23	0	-115.1995649	2315.083333
7	Levin	148		46.58333333	40	17	-98.19956493	2332.083333
8	Honkey-Doorey	251		-56.41666667	-63	-86	-201.1995649	2229.083333
9	Zingers	308		-113.4166667	-120	-143	-258.1995649	2172.083333
10	Boehmer	151		43.58333333	37	14	-101.1995649	2329.083333
11	Queenie	132		62.58333333	56	33	-82.19956493	2348.083333
12	Googles-Boop	199		-4.416666667	-11	-34	-149.1995649	2281.083333
13	Calzone	227		-32.41666667	-39	-62	-177.1995649	2253.083333
14								
15	Mean	194.5833333						
16	Median	188						
17	Mode	165						
18	Range	176						
19	Standard Deviation	49.80043507						
20	Variance	2480.083333						

1. What if a datapoint is higher/lower than the mean in excel dataset?  
value of that specific data point is greater/lesser than the average value
2. What if a datapoint is higher/lower/exactly same than the median in excel dataset?  
data point is on the higher/lower side of the dataset's distribution  
indicates that exactly half of the data points in the dataset are higher, and half are lower.
3. What if a datapoint is higher/lower/exactly same than the mode in excel dataset?  
value is greater/lower than the most frequently occurring value(s) in the dataset.
4. What if a datapoint is higher/lower/exactly same than the range in excel dataset?  
it doesn't provide any meaningful statistical insight
5. What if a datapoint is higher/lower/exactly same than the standard deviation in excel dataset?

Data points close to or lower than the standard deviation suggest that they are within the typical range of variation from the mean

This suggests that the data point is relatively far from the mean, indicating higher variability in the dataset

6. What if a datapoint is higher/lower/exactly same than the variance in excel dataset?

suggests that the data point is relatively far from the mean, indicating higher variability in the dataset

## **Team 2**

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