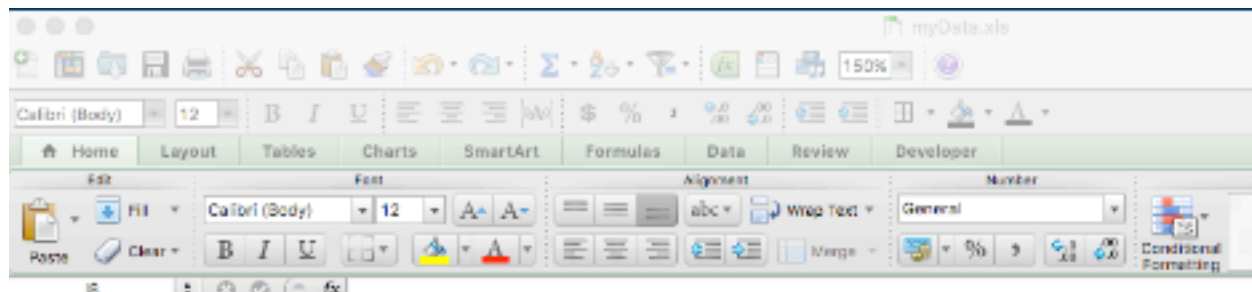


Descriptive Statistics in Microsoft Excel

(Ungrouped Data)



	A	B	C	D	E	F	G
1	DATA			Statistic	How to get it		Value
2	87						
3	109	(unbiased)		standard deviation->	=STDEV(A2:A5001)		10.0134845750451
4	120			mean ->	=AVERAGE(A2:A5001)		99.9492
5	87			median ->	=MEDIAN(A2:A5001)		100
6	98			kurtosis->	=KURT(A2:A5001) + 3		3.03005184961275
7	84			skewness->	=SKEW(A2:A5001)		0.00700843512000224
8	101						
9	105	(biased)		standard deviation->	=STDEVP(A2:A5001)		10.0124831765152
10	97			Q1->	=QUARTILE(\$A\$2:\$A\$5001,1)		93
11	103			Q2->	=QUARTILE(\$A\$2:\$A\$5001,2)		100
12	92			Q3->	=QUARTILE(\$A\$2:\$A\$5001,3)		107
13	107						
14	108						
15	96			IQR ->	=E12-E10		14
16	102						
17	85						
18	87			34th percentile value	=PERCENTILE(A2:A5001,0.34)		96
19	100			percentileRank of 96	=PERCENTRANK(A2:A5001,96)		0.322
20	111						
21	92			variance->	=VAR(A1:A5000)		100.269873334667
22	92			mode->	=MODE(A1:A5000)		98
23	111						
24	90						
25	95						
26	96						
27	108						