

Given a set of 800 data points of CCHS student weights and using MS Excel, create a histogram and descriptive statistics of the data. See the example below. Access the data file from <http://www.markeredwards.com/stats/stats.html> and be sure to "add-in" the data analysis tool pack!

# of data points = 800		Bins				
Data Point	Value	Start	End	Freq	Cum Frequency	
1	130.1	0	80	0	0	
2	151.6	80	90	1	1	
3	179.6	90	100	0	1	
4	150.1	100	110	11	12	
5	152.7	110	120	21	33	
6	133.7	120	130	50	83	
7	155.2	130	140	100	183	
8	136.2	140	150	139	322	
9	152.5	150	160	166	488	
10	144.0	160	170	131	619	
11	120.0	170	180	95	714	
12	151.8	180	190	49	763	
13	159.1	190	200	24	787	
14	141.0	200	210	11	798	
15	191.1	210	220	2	800	
16	129.0	220	230	0	800	
17	156.2	230	240	0	800	
18	168.6	240	250	0	800	
19	144.5	250	260	0	800	
20	134.6					
21	141.7	<i>Value</i>				
22	167.5	Mean	155.7433928			
23	164.2	Standard Error	0.71789715			
24	156.9	Median	155.3133451			
25	158.3	Mode	#N/A			
26	144.6	Standard Deviation	20.30519772			
27	161.2	Sample Variance	412.3010545			
28	154.8	Kurtosis	0.095233686			
29	158.3	Skewness	0.043908323			
30	139.4	Range	141.862809			
31	181.4	Minimum	88.25497139			
32	184.1	Maximum	230.1177804			
33	150.5	Sum	124594.7143			
34	138.0	Count	800			

