

# 04\_04\_How many Facebook friends do Udacians have?

Timestamp	How many Facebook friends do you have?		Deviation from Mean		Squared Deviations		
1/2/2013 16:59:06	0		-584.7407407		341921.7338		
1/2/2013 15:20:50	69		-515.7407407		265988.5116		
1/2/2013 16:16:51	123		-461.7407407		213204.5116		
1/2/2013 18:14:04	137		-447.7407407		200471.7709		
1/2/2013 20:04:27	174		-410.7407407		168707.9561		
1/2/2013 16:59:09	240		-344.7407407		118846.1783		
1/2/2013 15:19:48	241		-343.7407407		118157.6968		
1/2/2013 16:35:58	256		-328.7407407		108070.4746		
1/2/2013 16:28:28	258		-326.7407407		106759.5116		
1/2/2013 23:18:28	322		-262.7407407		69032.69682	Standard Deviation	429.4014432
1/2/2013 16:17:02	366		-218.7407407		47847.51164	Sample Standard Deviation	437.5812533
1/2/2013 16:30:23	376		-208.7407407		43572.69683		
1/2/2013 15:26:34	408		-176.7407407		31237.28942		
1/2/2013 17:56:35	479		-105.7407407		11181.10424	1 Standard Deviation below Mean	155.3392975
1/2/2013 15:56:00	555		-29.7407407		884.5116574	1 Standard Deviation above Mean	1014.142184
1/2/2013 15:19:35	589		4.2592593		18.14128978		
1/3/2013 10:20:51	600		15.2592593		232.8449944		
1/2/2013 15:39:28	777		192.2592593		36963.62279	Proportion between values (18/27)	0.66
1/2/2013 15:21:24	784		199.2592593		39704.25242		
1/2/2013 15:46:07	822		237.2592593		56291.95612		
1/2/2013 16:53:47	850		265.2592593		70362.47464		
1/2/2013 16:23:35	863		278.2592593		77428.21539		
1/2/2013 15:20:15	1116		531.2592593		282236.4006		
1/2/2013 16:24:46	1143		558.2592593		311653.4006		
1/2/2013 15:21:11	1214		629.2592593		395967.2154		
1/7/2013 18:15:32	1250		665.2592593		442569.8821		
1/2/2013 15:26:57	1776		1191.259259		1419098.623		
Sum	15788	Sum of Deviation	0.000001099999281	Sum of Squares(SS)	4978411.185		
Mean	584.7407407	Average Deviation	0.0000000407407141	Variance(SS/n)	184385.5995		
				Sample Variance(SS/n-1)	191477.3533		