



Good and bad datasets

Example of a good dataset:

	A	B	C	D	E	F	G	H	I
1	Year	Sex	Smoke	Award	HigherSAT	Exercise	TV	Height	Weight
2	Senior	M	No	Olympic	Math	10	1	71	180
3	Sophomore	F	Yes	Academy	Math	4	7	66	120
4	FirstYear	M	No	Nobel	Math	14	5	72	208
5	Junior	M	No	Nobel	Math	3	1	63	110
6	FirstYear	F	No	Olympic	Math	10	10	66	128
7	Sophomore	M	No	Olympic	Math	13	8	74	235
8	FirstYear	F	No	Nobel	Math	12	1	60	115
9	Sophomore	F	No	Olympic	Math	12	6	65	140
10	FirstYear	M	No	Olympic	Math	10	5	63	200
11	Sophomore	M	No	Olympic	Math	12	8	68	162
12	FirstYear	F	No	Olympic	Math	10	2	63	110
13	Sophomore	F	No	Nobel	Math	2	1	62	120
14	Sophomore	F	No	Nobel	Math	10	5	65	110
15	Sophomore	F	No	Nobel	Math	14	2	68	145
16	FirstYear	M	No	Olympic	Math	20	20	73	195
17	Sophomore	M	No	Olympic	Math	7	10	74	200
18	Sophomore	M	No	Olympic	Math	12	3	70	167
19	Sophomore	M	No	Nobel	Math	10	5	71	175
20	Junior	M	No	Nobel	Math	14	2	74	185
21	FirstYear	M	No	Olympic	Math	12	6	68	190

Example 1 of bad datasets:

Table 13. **Cattle and Calves - Sales: 2017 and 2012**

[For meaning of abbreviations and symbols, see introductory text.]

Number sold	2017			Farms
	Farms	Number	Value (\$1,000)	
Cattle and calves	711,827	69,812,061	77,189,334	740,978
Farms by number sold -				
1 to 9	263,805	1,145,998	886,350	282,191
10 to 19	128,191	1,729,097	1,309,493	143,213
20 to 49	149,438	4,600,444	3,600,226	154,668
50 to 99	77,651	5,267,994	4,333,312	72,805
100 to 199	44,616	6,025,555	5,383,826	41,363
200 to 499	30,908	9,183,574	8,838,360	29,720
500 to 999	10,167	6,865,631	6,988,215	10,079
1,000 to 2,499	4,797	6,924,761	7,051,532	4,722
2,500 to 4,999	1,215	4,073,448	4,295,747	1,151
5,000 or more	1,039	23,995,559	34,502,274	1,066
Cattle weighing 500 pounds or more (see text)	629,605	57,846,559	(NA)	639,747
Farms by number sold -				
1 to 9	275,256	1,096,402	(NA)	292,875
10 to 19	108,177	1,435,697	(NA)	113,384
20 to 49	116,155	3,512,017	(NA)	113,249
50 to 99	56,510	3,805,477	(NA)	52,197
100 to 199	34,567	4,639,725	(NA)	31,319
200 to 499	25,223	7,424,149	(NA)	23,504
500 to 999	8,189	5,491,241	(NA)	7,878
1,000 to 2,499	3,710	5,326,035	(NA)	3,583
2,500 to 4,999	935	3,097,991	(NA)	846
5,000 or more	883	22,017,825	(NA)	912
Cattle on feed (see text)	30,273	24,649,997	(NA)	33,880
Farms by number sold -				
1 to 19	5,549	76,410	(NA)	7,414
20 to 49	8,266	254,516	(NA)	9,558
50 to 99	5,086	345,414	(NA)	5,441
100 to 199	3,977	541,678	(NA)	4,145
200 to 499	3,792	1,148,594	(NA)	3,909
500 to 999	1,801	1,255,909	(NA)	1,644
1,000 to 2,499	907	1,317,593	(NA)	869
2,500 to 4,999	324	1,103,824	(NA)	293
5,000 or more	571	18,606,059	(NA)	607

Example 3 of bad datasets:

A1						Entity
	A	B	C	D	E	F
1	Entity	Code	Year	Human Development Index		
2	Afghanistan	AFG	1990	0.273		
3	Afghanistan	AFG	1991	0.279		
4	Afghanistan	AFG	1992	0.287		
5	Afghanistan	AFG	1993	0.297		
6	Afghanistan	AFG	1994	0.292		
7	Afghanistan	AFG	1995	0.31		
8	Afghanistan	AFG	1996	0.319		
9	Afghanistan	AFG	1997	0.323		
10	Afghanistan	AFG	1998	0.324		
11	Afghanistan	AFG	1999	0.332		
12	Afghanistan	AFG	2000	0.335		
13	Afghanistan	AFG	2001	0.337		
14	Afghanistan	AFG	2002	0.362		
15	Afghanistan	AFG	2003	0.376		
16	Afghanistan	AFG	2004	0.392		
17	Afghanistan	AFG	2005	0.4		
18	Afghanistan	AFG	2006	0.409		
19	Afghanistan	AFG	2007	0.424		
20	Afghanistan	AFG	2008	0.43		
21	Afghanistan	AFG	2009	0.44		
22	Afghanistan	AFG	2010	0.448		
23	Afghanistan	AFG	2011	0.456		
24	Afghanistan	AFG	2012	0.466		
25	Afghanistan	AFG	2013	0.474		
26	Afghanistan	AFG	2014	0.479		
27	Afghanistan	AFG	2015	0.478		
28	Afghanistan	AFG	2016	0.481		