

Here is some sample data in Excel:

	A	B	C	D	E	
1						
2		Independent Variable 1			Difference	
3	Subject	Level 1	Level 2		Level 1- Level 2	
4	1	190	209		19	
5	2	181	218		37	
6	3	166	214		48	
7	4	162	164		2	
8	5	164	191		27	
9	6	161	164		3	
10	7	194	198		4	
11	8	179	183		4	
12	10	194	214		20	
13	11	157	173		16	
14	12	166	169		3	
15	13	197	171		-26	
16	14	171	171		0	
17	15	194	190		-4	
18	16	177	186		9	
19						
20	Means	176.866667	187.666667		10.8	
21						
22	T-test	0.03501425				
23						