

Data Table Examples- Phase 5

Create a data table on your own paper. Use the examples below to help you determine what information is needed on your table. Create a data table that will allow you to accurately record the observations you make during your experiment.

Your data table should represent the variables and hypothesis you determined on page 6, be labeled, and have a title telling the reader what the information represents.

Average Radius of Trees in a Forest

Age of Trees (years)	Average Radius (cm)
1	2.2
2	2.6
3	
4	
5	
6	4.4

Plant Growth in Soils with Different pH Values

Plant Group	pH of Soil	Average Plant Growth (cm)
1	6.0	25.4
2	6.2	33.0
3	6.4	50.8
4	6.6	53.3
5	6.8	53.3
6	7.0	30.5
7	7.2	22.9

Your table can be as simple as two or three columns showing both your independent and dependent variable

Box-Behnken Designs for Optimizing Product Performance

	Standard Order	Run Order	Point Type	Block	A:Time (s)	B:Distance (cm)	C:Voltage (v)	Response 1
1	1	12	1	1	20	3	2900	0.449
2	2	10	1	1	100	3	2900	3.255
3	3	5	1	1	20	13	2900	0.321
4	4	2	1	1	100	13	2900	2.954
5	5	7	1	1	20	8	2000	0.176
6	6	6	1	1	100	8	2000	1.352
7	7	14	1	1	20	8	3800	0.507
8	8	8	1	1	100	8	3800	4.954
9	9	9	1	1	60	3	2000	0.724
10	10	4	1	1	60	13	2000	0.477
11	11	13	1	1	60	3	3800	2.109
12	12	3	1	1	60	13	3800	1.954
13	13	15	0	1	60	8	2900	1.301
14	14	1	0	1	60	8	2900	1.301
15	15	11	0	1	60	8	2900	1.301

Or it can have several columns showing multiple data, but it must show the independent variable, dependent variable, has a title and description of each column or row.