

ASSIGNMENT

1. As a part of study a researcher in the field of psychology studied 20 students and collected information of the following variables:

Y_1 - A measure of success in graduate school.

X_1 - A measure of intellectual ability.

X_2 - A measure of "work ethic."

X_3 - A second measure of intellectual ability.

X_4 - A measure of spatial ability.

Sr. No.	Y_1	X_1	X_2	X_3	X_4
1	125	13	18	25	11
2	158	39	18	59	30
3	207	52	50	62	53
4	182	29	43	50	29
5	196	50	37	65	56
6	175	64	19	79	49
7	145	11	27	17	14
8	144	22	23	31	17
9	160	30	18	34	22
10	175	51	11	58	40
11	151	27	15	29	31
12	161	41	22	53	39
13	200	51	52	75	36
14	173	37	36	44	27
15	175	23	48	27	20
16	162	43	15	65	36
17	155	38	19	62	37
18	230	62	56	75	50
19	162	28	30	36	20
20	153	30	25	41	33