

SET A		SET B		SET C		SET D	
X	Y	X	Y	X	Y	X	Y
10	8.04	10	9.14	10	7.46	8	6.58
8	6.95	8	8.14	8	6.77	8	5.76
13	7.58	13	8.74	13	12.74	8	7.71
9	8.81	9	8.77	9	7.11	8	8.84
11	8.33	11	9.26	11	7.81	8	8.47
14	9.96	14	8.1	14	8.84	8	7.04
6	7.24	6	6.13	6	6.08	8	5.25
4	4.26	4	3.1	4	5.39	19	12.5
12	10.84	12	9.11	12	8.15	8	5.56
7	4.82	7	7.26	7	6.42	8	7.91
5	5.86	5	4.74	5	5.73	8	6.89

SUMMARY STATISTICS

$$\mu_X = \mathbf{9.0} \qquad \sigma_X = \mathbf{3.317}$$

$$\mu_Y = \mathbf{7.5} \qquad \sigma_Y = \mathbf{2.03}$$

LINEAR REGRESSION

$$Y = \mathbf{3 + 0.5X}$$

$$R^2 = \mathbf{0.67}$$