

	x	y	xy	x^2
	3.8	35	133	14.44
	1.9	24	45.6	3.61
	7.8	86	670.8	60.84
	6.9	76	524.4	47.61
	1.1	17	18.7	1.21
	5.1	47	239.7	26.01
	7.7	85	654.5	59.29
	3.3	42	138.6	10.89
	8.3	81	672.3	68.89
	9.2	88	809.6	84.64
	6.1	67	408.7	37.21
	3.5	30	105	12.25
	2.7	25	67.5	7.29
	5.5	60	330	30.25
	2.7	30	81	7.29
	8.5	75	637.5	72.25
	2.5	21	52.5	6.25
	4.8	54	259.2	23.04
	8.9	95	845.5	79.21
	4.5	41	184.5	20.25
SUM:	104.8	1079	6878.6	672.72

$$y = mx + b$$

$$\sum y = m \sum x + n \cdot b \dots \dots \dots \text{i)}$$

$$\sum xy = m \sum x^2 + b \sum x \dots \dots \dots \text{ii)}$$

Using i)

$$1079 = 104.8m + 20b$$

From ii)

$$6878.6 = 672.72m + 104.8b$$

Solving the two equations we get:

$$m = 9.91$$

$$b = 2.01$$