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Nomor 12.9
Berikut tabel perhitungan xy dan x^2

x	y	xy	x²
6	29	174	36
7	21	147	49
11	29	319	121
15	14	210	225
17	21	357	289
21	15	315	441
23	7	161	529
29	7	203	841
29	13	377	841
37	0	0	1369
39	3	117	1521

$\Sigma X = 234$
$\Sigma Y = 159$
$\Sigma XY = 2350$
$\Sigma X^2 = 6262$

Slope

$$m = \frac{n \Sigma xy - \Sigma x \Sigma y}{n \Sigma x^2 - (\Sigma x)^2}$$

$$= \frac{11 \cdot 2380 - 234 \cdot 159}{11 \cdot 6262 - 234^2}$$

$$= -0,7805965098$$

Intercept

$$b = \frac{\Sigma y - m \Sigma x}{n}$$

$$= \frac{159 - (-0,7805965098) 234}{11}$$

$$= 31,05889585$$

Grafik Regresi Linier