

## ANALISA REGRESI VOLUME PRODUKSI DAN HARGA JUAL

### NIKEL

Tahun	Produksi (Y)	Harga Jual (X)	XY	Y <sup>2</sup>	X <sup>2</sup>	(X - X) <sup>2</sup>
1992	2511.57	9.1	22855.287	6307983.86	82.81	3.154176
1993	1975.813	9.25	18276.2703	3903837.01	85.5625	3.709476
1994	2311.509	9.22	21312.113	5343073.86	85.0084	3.594816
1995	2513.394	9.33	23449.966	6317149.4	87.0489	4.024036
1996	3428.745	7.69	26367.0491	11756292.3	59.1361	0.133956
1997	2831.386	7.23	20470.9208	8016746.68	52.2729	0.008836
1998	3233.374	4.64	15002.8554	10454707.4	21.5296	7.203856
1999	3235.285	4.68	15141.1338	10467069	21.9024	6.990736
2000	3038.869	7.49	22761.1288	9234724.8	56.1001	0.027556
2001	3619.141	4.61	16684.24	13098181.6	21.2521	7.365796
<b>Jumlah</b>	<b>28699.086</b>	<b>73.24</b>	<b>202320.964</b>	<b>84899765.9</b>	<b>572.623</b>	<b>36.21324</b>

$$\bar{Y} = 2869.9086$$

$$\bar{X} = 7.324$$

$$b = -217.3553596$$

$$a = 4461.819254$$

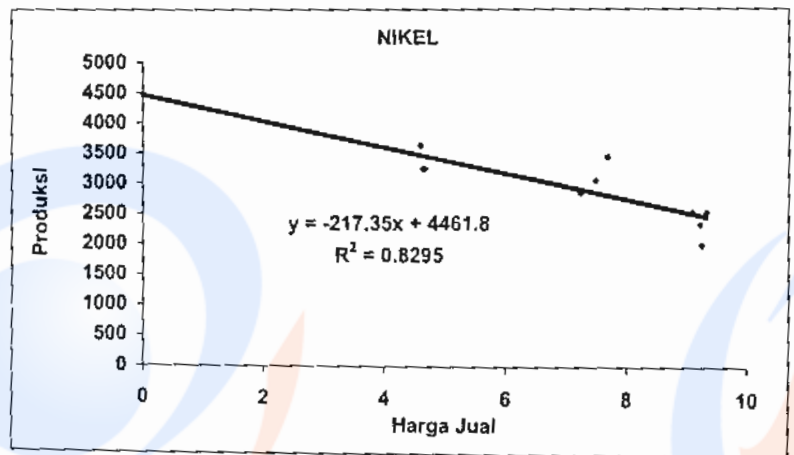
$$\text{Rho (R)} = -0.821350217$$

$$R^2 = 0.674616179$$

$$\text{Se} = 321.1653272$$

$$\text{Sb} = 53.36972458$$

$$T \text{ hitung} = -4.072634089$$



### EMAS

Tahun	Harga Jual (Y)	Produksi (X)	XY	Y <sup>2</sup>	X <sup>2</sup>	(X - X) <sup>2</sup>
1992	345.69	72	24889.68	119501.576	5184	5184
1993	360.75	191	68903.25	130140.563	36481	36481
1994	381.34	1175	448074.5	145420.196	1380625	1380625
1995	386.95	1806	698831.7	149730.303	3261636	3261636
1996	388.43	1827	709661.61	150877.865	3337929	3337929
1997	333.8	2004	668935.2	111422.44	4016016	4016016
1998	293.79	1569	460956.51	86312.5641	2461761	2461761
1999	278.77	2956	824044.12	77712.7129	8737936	8737936
2000	279.82	4021	1125156.22	78299.2324	16168441	16168441
2001	270.98	3979	1078229.42	73430.1604	15832441	15832441
<b>JUMLAH</b>	<b>3320.32</b>	<b>19600</b>	<b>6107682.21</b>	<b>1122847.61</b>	<b>55238450</b>	<b>55238450</b>

$$\bar{Y} = 332.032$$

$$\bar{X} = 1960$$

$$b = -0.0427$$

$$a = 410.87$$

$$\text{Rho (R)} = 0.915478017$$

$$R^2 = 0.8381$$

$$\text{Se} = 49.27697658$$

$$\text{Sb} = 0.012014327$$

$$T \text{ hitung} = -3.554090191$$

