Nama	· Adelia Putri Widyasari	Dosen : Junta Zeniarja, M. Kom
MIM	: All. 2022 . 14426	Matakuliah : Penambangan Data
Kelompok: All Azura		Prodi : SI Teknik Informatika

Perteniuan 12 Regresi

Tentukan persamaan regresi berikut

	Usia Mobil (:x)	Harga Mobil (y)	X²	y2	XY	XY2	- (
1	5	85	25	7225	425	100625	1111
2	4	103	16	10609	412	169744	. Kin
3	6	70	36	4900	420	176400	
4	5	82	25	6724	410	168100	103
5	5	99	25	7921	445	198015	
6	5	98	25	9604	490	240100	
1	6	66	36	4356	396	156816	
8	6	95	36	9025	5 70	324900	
g	2	169	4	28561	338	114244	
10	7	70	49	4900	490	240100	
II.	7	40	49	2304	336	112 8 96	
Σ	58	975	326	96129	4732	2081950	

· > Analisis Korelasi

$$\sqrt{(N. \Sigma X^2 - (\Sigma X)^2)(N\Sigma Y^2 - (\Sigma Y)^2)}$$

$$\frac{11.4732 - 50.975}{\sqrt{(11.326 - (58)^2)(11.96129 - (4732)^2)}}$$

52052 - 56550

-4498

 $\Gamma = -0.9237820881$

·> Regresi

					No.	
					Date ,	
) $\bar{y} = 975 = 88,636$	36364	+ 101 -	(1)-1	in etc	mini i vi.	() () () () () ()
11 = 001030	J mp Tan	ner 1 - Are				
) b = <u>n</u> ZXY - ZX	(ZY	1 :	isal.		1-1-1- 1	at Hall I
n ∑ X² - (z	(X) ²					
= 11.4732 - 58	.975		1.1103 .1	W. C. C. C.		
11. 326 - (5						
b = -20,261261	26				MOST DETERMINED TO I	1
) a = ȳ-bx̄	$\equiv YX$	1	- 2 χ	(a) la Marin.	E (III) India I. To	
= (08,63636364			(5,27272727	(3)		
a = 195,4684685		(000)	9/1	EU	1	
COPSII	-120	(101-	N.S.		- N .	
Persamaan Regresi		PLIC	- 21	192	.6	
y = a + bx	614	12/4	V	100		0
y = 195,46846	985 t (-	20,261261		81		3
618 1-9	61.9 unio	50(6)	95	140		
(F) (E)	000	1490	- 9	Qu!		
[45] [1 (7) [6]	((0))	(00)-	01-	61		(1)
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150 180	-1/32	(C)st	375	210		
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				1-1- 6-1	~ · VX * A	
			(4(12)-	2. E.J.)(4.)(5	5 x35 m	
				11 . 03 - 1.	VI I	
		-	(=10.V) -	DEL DIEU	T = 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
					W _G	
					1,00-000	
					all fig. or	i
					Mark Mary	
					Milar again	= 7
						no.i e
					Autle	1
				1.1		. :

Implementasi Python

Link GitHub: https://github.com/adeliaputriw/LinearRegression-43UG1-A11.2022.14426.git

Link GColab:

https://colab.research.google.com/drive/1IDCfb_F94fEYYbLxZG4YdGyEo5pje6OJ?usp=sharing