REGRESI LINIER (Part 2)

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RULES

1. PJ mata kuliah wajib mempersiapkan perlengkapan sebelum proses pembelajaran
2. Membawa Laptop (optional)
3. Terpasang Software SPSS
4. Terkoneksi Internet
5. Mengumpulkan *hasil praktik* selesai perkuliahan di SIP

CASE 2

A company manager wants to know whether there is an influence on Employee Performance Competence. In this case the competence is the independent variable, while the performance is the dependent variable. Furthermore, the manager of Competency and Performance collect data from a sample of 40 employees. The research data as shown below.

No	Competence (X)	Performance (Y)
1	32	36
2	35	39
3	38	49
4	31	41
5	36	38
6	32	36
7	33	37
8	31	41
9	30	40
10	35	43
11	31	36
12	34	35
13	31	34
14	25	40
15	35	40
16	36	44
17	30	32
18	34	41
19	34	44
20	22	26
21	27	33
22	30	35
23	30	37
24	37	44
25	29	36
26	31	29
27	31	41
28	29	32
29	29	36
30	31	37
31	36	42
32	32	39
33	27	31
34	33	35
35	20	28
36	30	39
37	27	39
38	25	36
39	32	38
40	32	35

UJI ASUMSI

NORMALITAS

Analyze > Descriptive Statistics > Explore

Plots.. Explore dan cek Normality plot with tests

LINIERITAS

Analyze – Compare Means – Means

Independent – Dependent Variable
Options – Cek Test of Linearity
Output = Deviation of Linearity > Sig
Atau
F hitung > F tabel

OUTPUT REGRESI LINIER

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,692[a]	,478	,465	3,42590

a. Predictors: (Constant), Competence

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	11,403	4,428		2,575	,014
	Competence	,835	,141	,692	5,904	,000

a. Dependent Variable: Performance

Interpretation of Results Output Simple Linear Regression Analysis

Output Model Summary)
In this section display the value of R = 0.692 and the coefficient of determination (Rsquare) amounted to 0,478.

This suggests the notion that performance (Y) is influenced by 47.8% by Competence (X), while the rest (100% -47.8% = 52.2%) is explained by other causes.

(Output Coefficients)

In this section displayed a significance value of 0.000 <0.05, then the appropriate basis for decision making in the regression analysis can be concluded that the Competence significant effect on employee performance.

Thus, increasing the competence of a person it will also improve performance.

REFLEKSI

1. Informasi penting hari ini

2. Manfaat penting dari informasi penting hari ini

3. Tindak lanjut yang dapat saudara lakukan


Thank You