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Kelas : B

MODUL 12

Percobaan

a. Table View

FileEditProcessViewConnectionsSettingsExtensionsHelp

Views:DesignResultsTurbo PrepAuto Model

Find data, operators...etc

All Studio

Result HistoryLinearRegression (Linear Regression)ExampleSet (/Local Repository/Data_LamaBelajardanNilaiUjian)

Data

Description

Attribute	Coefficient	Std. Error	Std. Coefficient	Tolerance	t-Stat	p-Value	Code
LAMA BELAJAR (JAM)	21.608	7.645	0.707	1	2.827	0.022	**
(Intercept)	492.769	96.909	?	?	5.085	0.001	****

b. Text View

FileEditProcessViewConnectionsSettingsExtensionsHelp

Views:DesignResultsTurbo PrepAuto Model

Find data, operators...etc

All Studio

Result HistoryLinearRegression (Linear Regression)ExampleSet (/Local Repository/Data_LamaBelajardanNilaiUjian)

Data

Description

Annotations

LinearRegression

21.608 * LAMA BELAJAR (JAM)
+ 492.769

c. Data View

Result HistoryExampleSet (Apply Model)

Data

Statistics

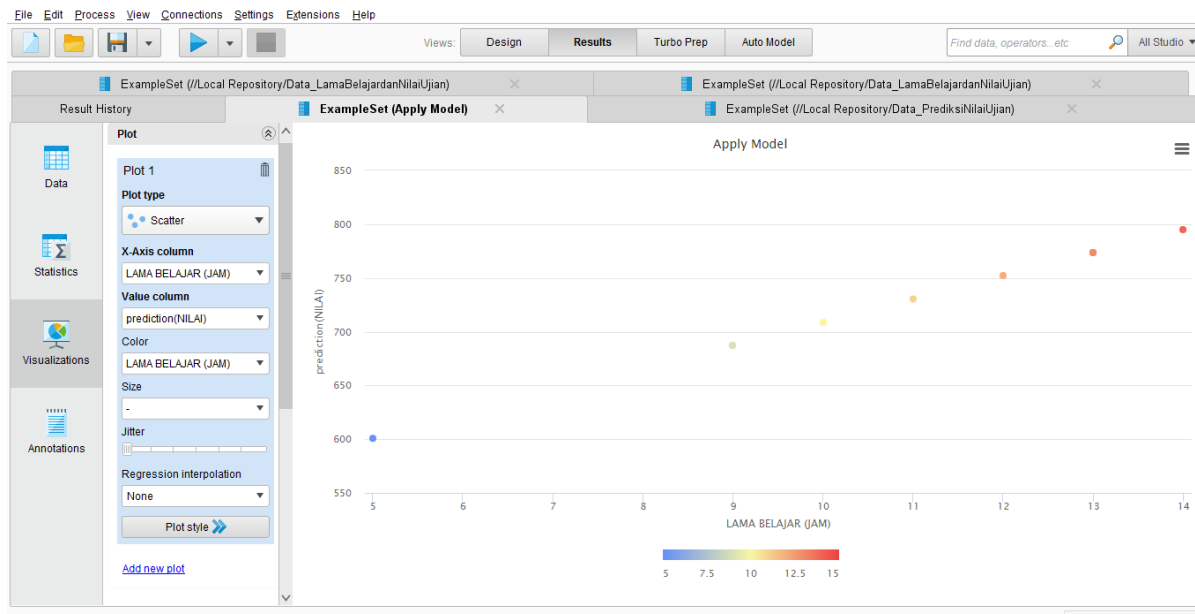
Visualizations

Annotations

Open inTurbo PrepAuto Model

Row No.	NO_SISWA	LAMA BELA...	prediction(N...
1	S-111	12	752.061
2	S-112	13	773.668
3	S-113	14	795.276
4	S-114	11	730.453
5	S-115	5	600.807
6	S-116	13	773.668
7	S-117	9	687.238
8	S-118	10	708.845
9	S-119	10	708.845
10	S-120	9	687.238

d. Charts View



e. Pembuktian Model Regresi

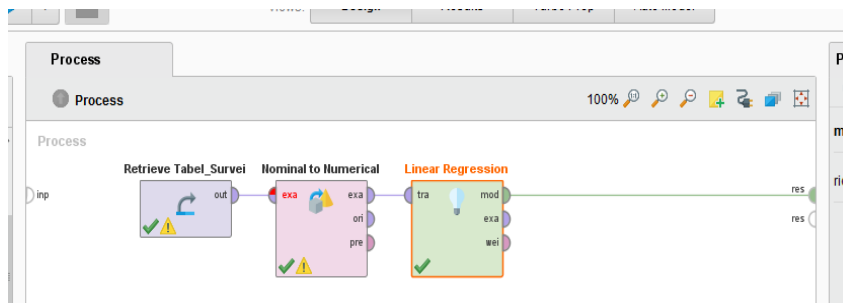
Tabel_PrediksiNilaiUjian - Excel									
NO_SISWA	NAMA	LAMA BELAJAR (JAM)	Prediction (Nilai)	Prediction (Nilai)					
S-111	BUDI	12	752,061	752,065					
S-112	SANTI	13	773,668	773,673					
S-113	DIAN	14	795,276	795,281					
S-114	DANI	11	730,453	730,457					
S-115	AHMAD	5	600,807	600,809					
S-116	BAYU	13	773,668	773,673					
S-117	RISA	9	687,238	687,241					
S-118	RANI	10	708,845	708,849					
S-119	YANI	10	708,845	708,849					
S-120	RATHI	9	687,238	687,241					

Tugas

1. Tabel

	A	B	C	D	E
1	No Responden	Pendapatan (Rupiah)	Jumlah Anggota Keluarga	Daya Beli (Rupiah)	
2	1	1.000.000	6	834.000	
3	2	1.400.000	7	1.200.000	
4	3	200.000	3	134.000	
5	4	1.400.000	6	1.167.000	
6	5	500.000	3	334.000	
7	6	1.700.000	5	1.360.000	
8	7	400.000	3	267.000	
9	8	1.900.000	5	1.520.000	
10	9	300.000	3	200.000	
11	10	500.000	4	375.000	
12	11	700.000	7	600.000	
13	12	1.900.000	3	1.267.000	
14	13	800.000	4	600.000	
15	14	1.500.000	4	1.125.000	
16	15	1.300.000	7	1.115.000	
17					
18					

2.



3. Jika $t\text{-hitung} = 34,295$ sedangkan $t\text{-table} = 2,131$ maka $34,295 > 2,131$ dengan nilai toleransi 5% (0,05). Sehingga dapat dikatakan bahwa PENDAPATAN (X1) mempengaruhi secara signifikan terhadap Daya Beli (Y). Jika $t\text{-hitung} = 6,276$ sedangkan $t\text{-table} = 2,131$, maka $6,276 > 2,131$ dengan nilai toleransi 5% (0,05). Sehingga dapat dikatakan bahwa JUMLAH ANGGOTA (X2) mempengaruhi secara signifikan terhadap Daya Beli (Y).

4.

Data

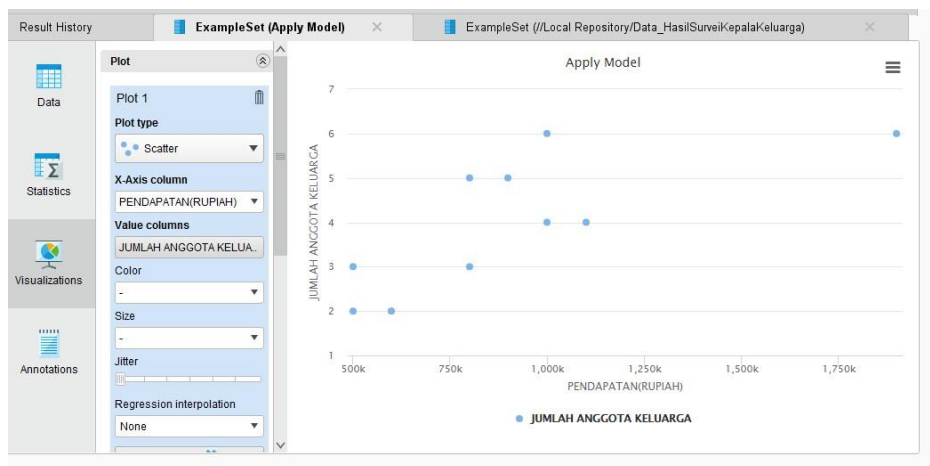
Description

LinearRegression

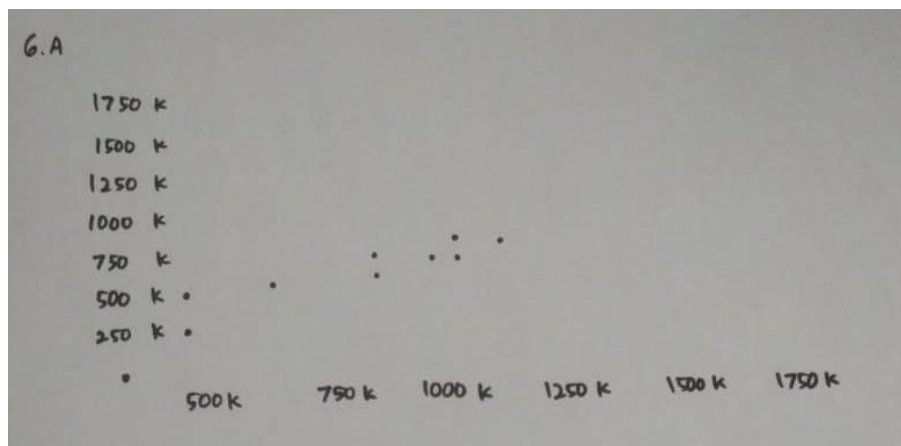
$0.739 * \text{PENDAPATAN(RUPIAH)}$
 $+ 47807.624 * \text{JUMLAH ANGGOTA KELUARGA}$
 $- 180222.487$

5.

Data	Row No.	NO.RESPON...	JUMLAH AN...	prediction(D...	PENDAPATA...
	1	1	5	723933.263	900000
	2	2	3	554416.056	800000
Statistics	3	3	2	284902.556	500000
	4	4	6	1510760.476	1900000
Visualizations	5	5	2	358804.515	600000
	6	6	5	650031.304	800000
	7	7	6	845642.845	1000000
	8	8	4	823929.557	1100000
Annotations	9	9	4	750027.598	1000000
	10	10	3	332710.179	500000



6.



B.

1750 k

1500 k

1250 k

1000 k

750 k

500 k

250 k

0

2

3

4

5

6

