

Nama : Nur Aini Afdallah

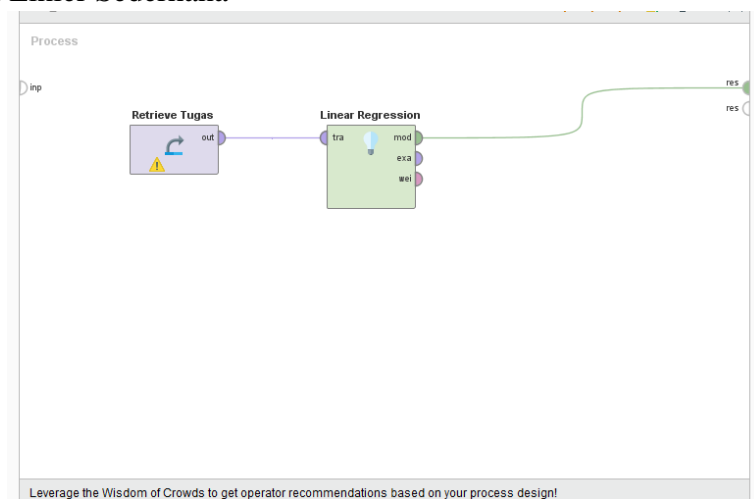
NIM : L200170107

MODUL 12 TUGAS

1. Excel

	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					
19					

2. Proses Regresi Linier Sederhana



a. Table View

<new process> - RapidMiner Studio gui.license.rapidminer-studio.educational.label 9.0.003 @ DESKTOP-K6C891E

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Result History LinearRegression (Linear Regression) ExampleSet (/Local Repository/Tugas)

Attribute	Coefficient	Std. Error	Std. Coefficient	Tolerance	t-Stat	p-Value	Code
PENDAPATAN (...)	0.739	0.021	0.924	0.857	35.037	0.000	****
JUMLAH ANGGO...	47807.624	7833.319	0.161	0.857	6.103	0.000	****
(Intercept)	-180222.487	36497.284	?	?	-4.938	0.000	****

Data

Description

Annotations

b. Text View

<new process> - RapidMiner Studio gui.license.rapidminer-studio.educational.label 9.0.003 @ DESKTOP-K6C891E

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Views: Design Results Turbo Prep Auto Model

Result History LinearRegression (Linear Regression) ExampleSet (/Local Repository/Tugas)

LinearRegression

0.739 * PENDAPATAN (RUPIAH)
+ 47807.624 * JUMLAH ANGGOTA KELUARGA
- 180222.487

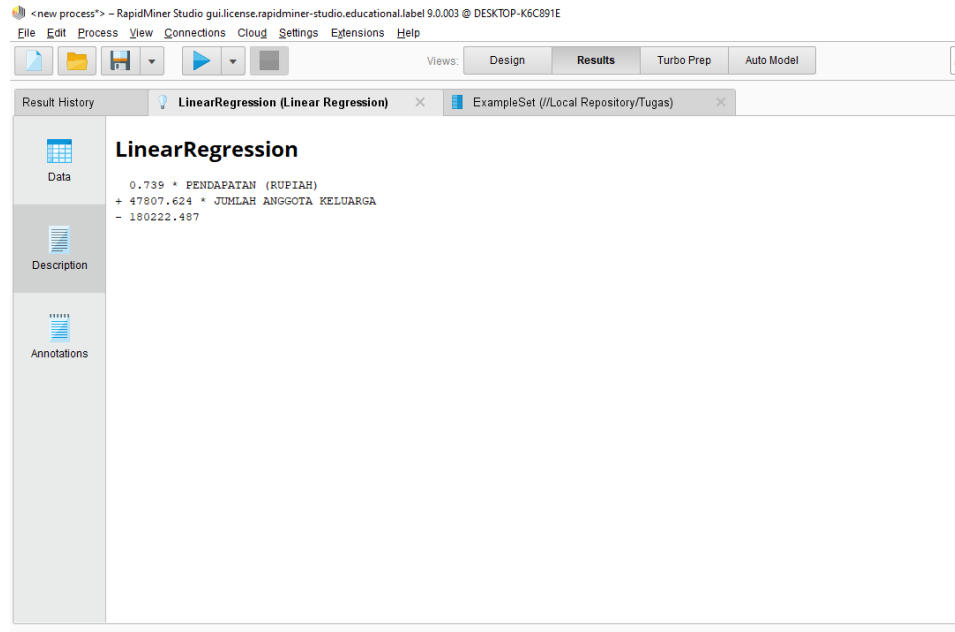
Data

Description

Annotations

3. Berdasarkan aturan statistik, variable x tidak mempengaruhi secara signifikan terhadap y karena nilai t-hitung > t-table

4. Model persamaan regresi linier sederhana yang terbentuk

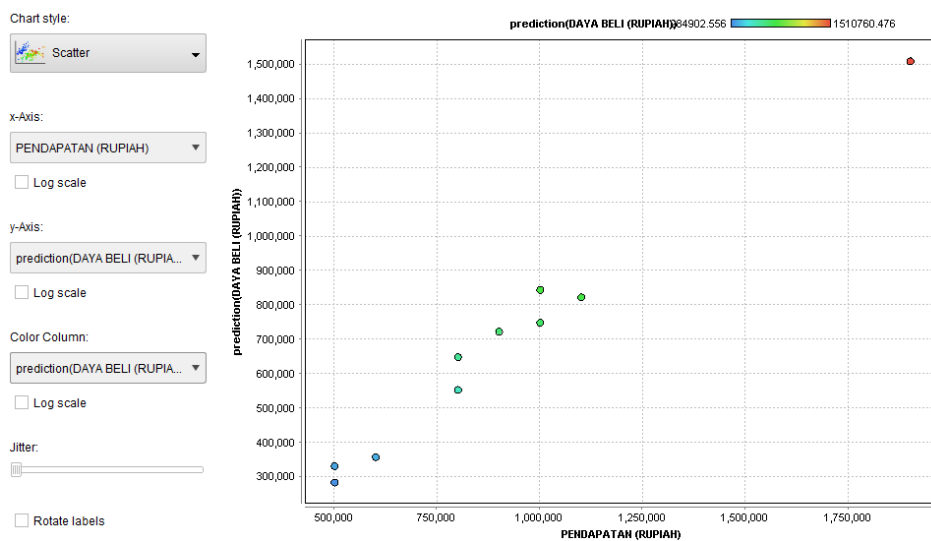


5. Data Testing

	A	B	C	D	E	F
1	NO. RESPONDEN	PENDAPATAN (RUPIAH)	JUMLAH ANGGOTA KELUARGA	Prediction(Daya Beli(Rupiah))	Prediction(Daya Beli(Rupiah))	
2				Tabel	Model Regresi	
3	1	900.000	5	723933,263	723915,633	
4	2	800.000	3	554416,056	554400,385	
5	3	500.000	2	284902,556	284892,761	
6	4	1.900.000	6	1510760,476	1510723,257	
7	5	600.000	2	358804,515	358792,761	
8	6	800.000	5	650031,304	650015,633	
9	7	1.000.000	6	845642,845	845623,257	
10	8	1.100.000	4	823929,557	823908,009	
11	9	1.000.000	4	750027,598	750008,009	
12	10	500.000	3	332710,179	332700,385	
13						
14						

6. Plot View

- a) x-Axis = Pendapatan (Rupiah),
- y-Axis = Prediction (Daya Beli (Rupiah)),
- Color Column = Prediction (Daya Beli (Rupiah))



- b) x-Axis = Jumlah Anggota Keluarga,
y-Axis = Prediction (Daya Beli (Rupiah)),
Color Column = Prediction (Daya Beli (Rupiah))

