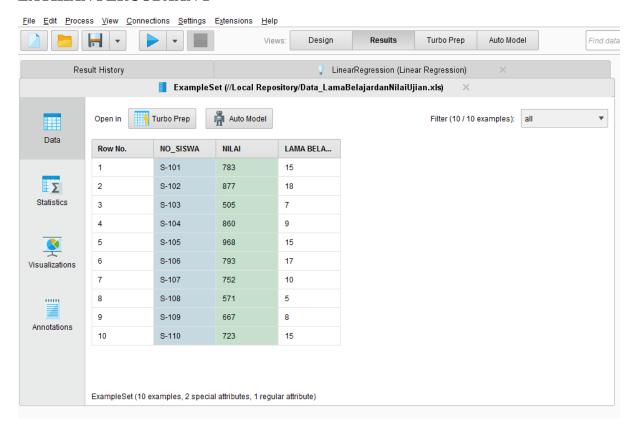
NAMA : DEWI RAHMAWATI

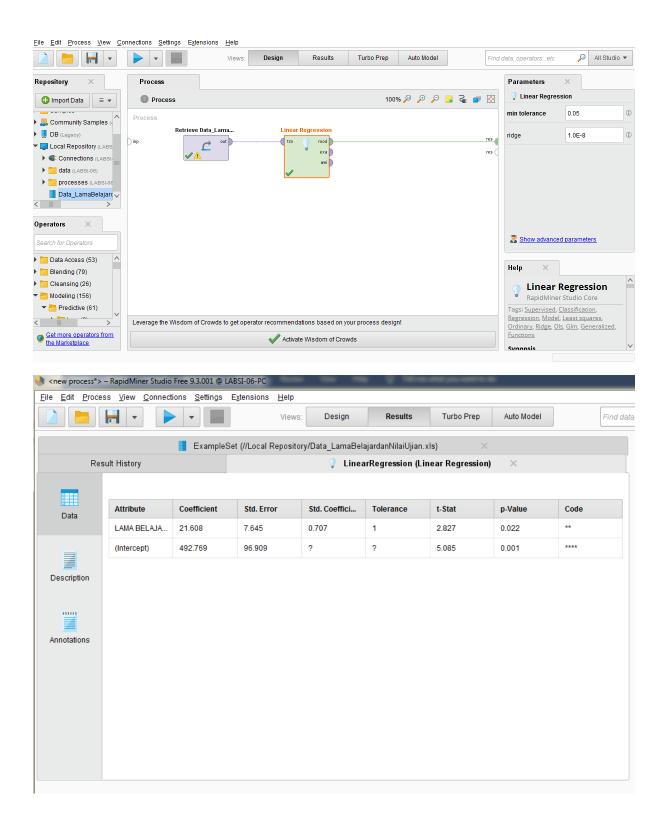
NIM : L200170188

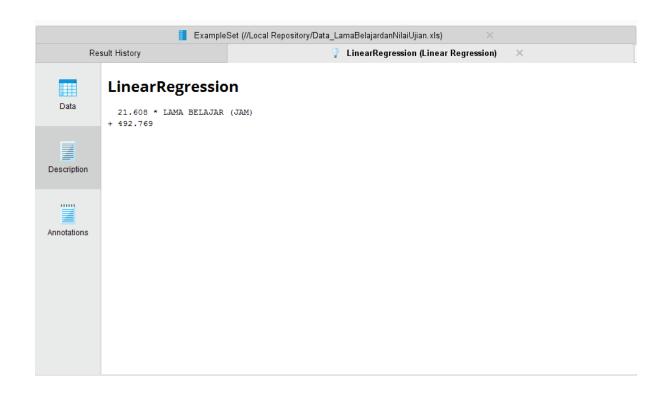
KELAS : F

## DATA WAREHOUSING DAN DATA MINING

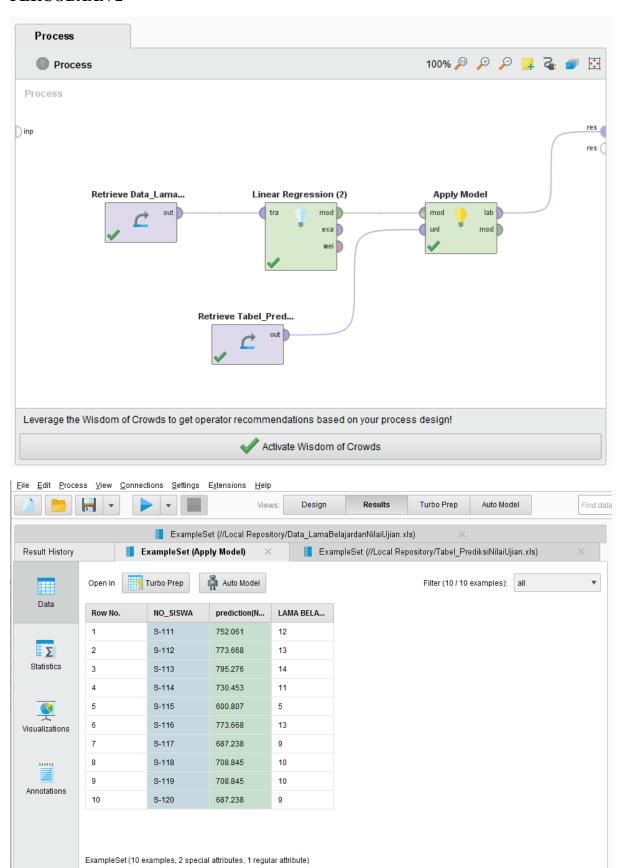
#### **LATIHAN PERCOBAAN 1**

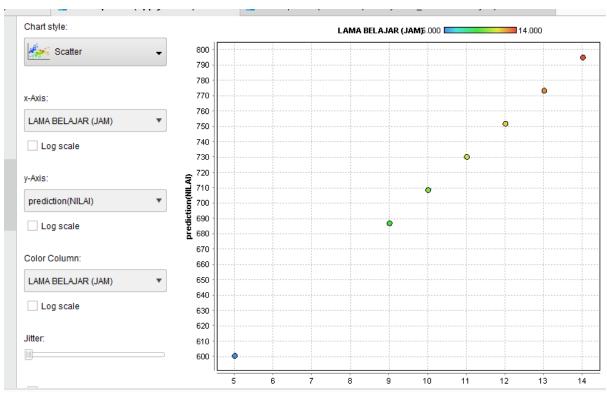


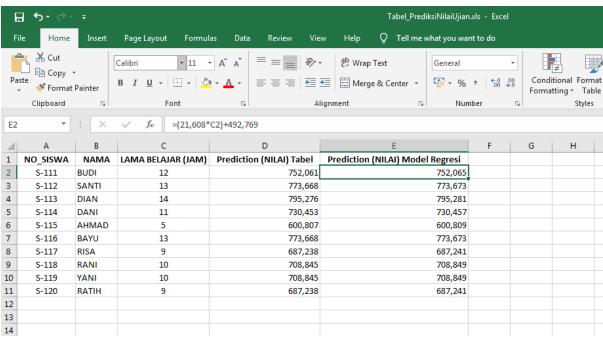




#### PERCOBAAN 2







#### **TUGAS**

1.

G6	<b>+</b> ;	× ✓ f <sub>x</sub>			
4	Α	В	С	D	Е
1	NO RESPONDEN	PENDAPATAN (RUPIAH)	JUMLAH ANGOTA KELUARGA	DAYA BELI (RUPIAH)	
2	1	1000000	6	843000	
3	2	1400000	7	1200000	
4	3	200000	3	134000	
5	4	1400000	6	1167000	
6	5	500000	3	334000	
7	6	1700000	5	1360000	
8	7	400000	3	267000	
9	8	1900000	5	1520000	
10	9	300000	3	200000	
11	10	500000	4	375000	
12	11	700000	7	600000	
13	12	1900000	3	1267000	
14	13	800000	4	600000	
15	14	1500000	4	1125000	
16	15	1300000	7	1115000	
17					

## Dengan ketentuan:

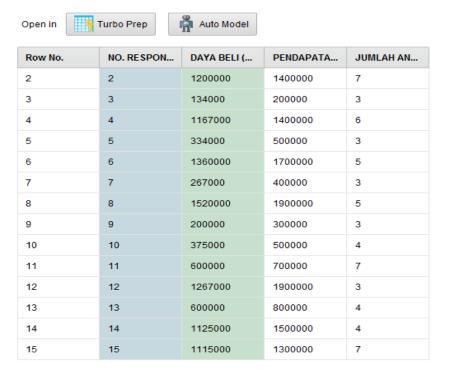
a. NO\_RESPONDEN: polynomial,

b. id PENDAPATAN: integer

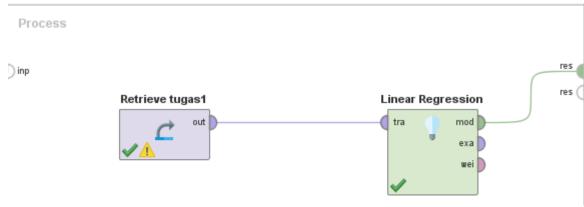
c. JUMLAH ANGGOTA KELUARGA : integer

d. DAYABELI: integer, label

## Hasilnya:



Menentukan min tolerance = 0.05 / 5% pada operator linear regressionnya.



2.

Attribute	Coefficient	Std. Error	Std. Coeff	Tolerance	t-Stat	p-Value	Code
PENDAPA	0.739	0.021	0.924	0.857	35.037	0.000	***
JUMLAH A	47807.624	7833.319	0.161	0.857	6.103	0.000	***
(Intercept)	-180222.4	36497.284	?	?	-4.938	0.000	****

Attribute	 	 	t-Stat
PENDAPATAN (RUPIAH)	 		35.037
JUMLAH ANGGOTA KELUARGA	 		6.103
(Intercept)	 		-4.938

Degrees of freedom	Two-tailed test: One-tailed test:	10% 5%
1		6.314
2		2.920
3		2.353
4		2.132
5		2.015
6		1.943
7		1.894
8		1.860
9		1.833
10		1.812
11		1.796
12		1.782
13		1.771
14		1.761
15		1.753

 $X1 = 35.037 > tstat = 2.131 \ dan \ X2 = 6.103 > tstat = 2.131 \ dengan \ toleransi \ 5\%$ 

 $\label{thm:continuous} Variable~X~dikatakan~mempengaruhi~secara~signifikan~terhadap~Y~jika~t-hitung>t-tabel$ 

4.

# LinearRegression

```
0.739 * PENDAPATAN (RUPIAH)
```

- + 47807.624 \* JUMLAH ANGGOTA KELUARGA
- -180222.487

5. a

E2	E2							
	A B C D E							
1	NO. RESPONDEN	PENDAPATAN (RUPIAH)	JUMLAH ANGGOTA KELUARGA	DAYA BELI (RUPIAH)	PREDICTION DAYA BELI REGRESI			
2	1	1000000		834000	<del></del>			
3	2	1400000	7	1200000	1189030,881			
4	3	200000	3	134000	111000,385			
5	4	1400000	6	1167000	1141223,257			
6	5	500000	3	334000	332700,385			
7	6	1700000	5	1360000	1315115,633			
8	7	400000	3	267000	258800,385			
9	8	1900000	5	1520000	1462915,633			
10	9	300000	3	200000	184900,385			
11	10	500000	4	375000	380508,009			
12	11	700000	7	600000	671730,881			
13	12	1900000	3	1267000	1367300,385			
14	13	800000	4	600000	602208,009			
15	14	1500000	4	1125000	1119508,009			
16	15	1300000	7	1115000	1115130,881			

b.

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

6. a

