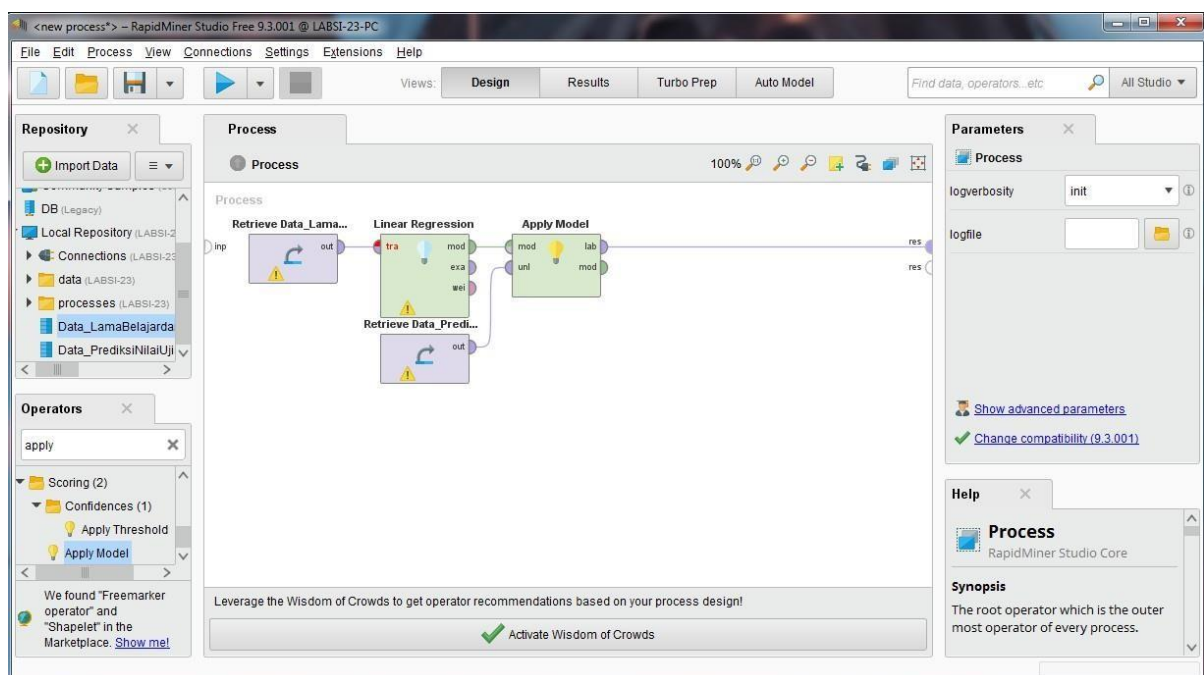


Langkah-langkah Praktikum :

Mencari Nilai t-hitung dan Model Regresi Linier

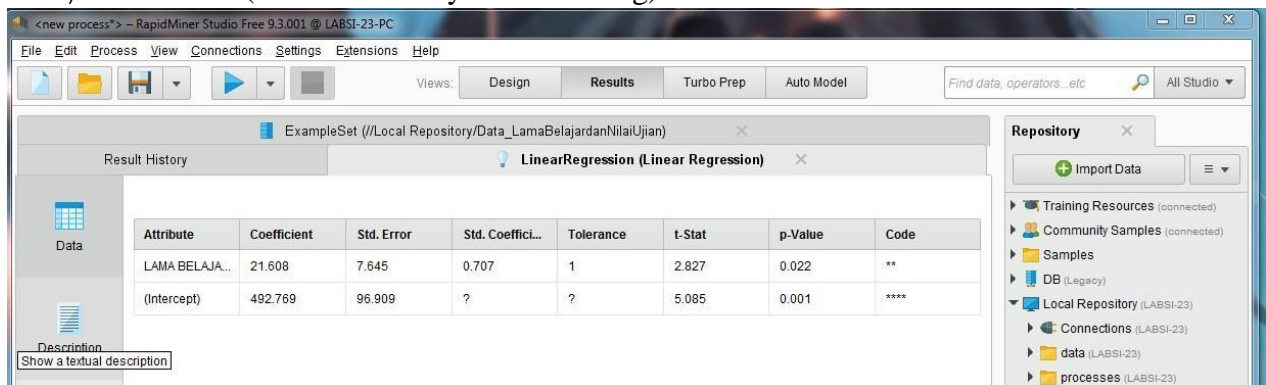
Table Data Siswa :

	A	B	C	D	E	F
1	NO_SISWA	NAMA	LAMA BELAJAR(JAM)	NILAI		
2	S_101	JOKO	15	783		
3	S_102	AGUS	18	877		
4	S_103	SUSI	7	505		
5	S_104	DYAH	9	860		
6	S_105	WATI	15	968		
7	S_106	IKA	17	793		
8	S_107	EKO	10	752		
9	S_108	YANTO	5	571		
10	S_109	WAWAN	8	667		
11	S_110	MAHMUD	15	723		



Berikut hasil proses regresi linier :

a) Tabel view(mencari besarnya nilai t-hitung)



The screenshot shows the 'Results' tab in RapidMiner Studio. The main view displays a table for 'LinearRegression (Linear Regression)'. The table has columns: Attribute, Coefficient, Std. Error, Std. Coeffi..., Tolerance, t-Stat, p-Value, and Code. The data rows are for 'LAMA BELAJA...' and '(Intercept)'. The 't-Stat' column contains the values 2.827 and 5.085 respectively.

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

b) text view



The screenshot shows the 'Results' tab in RapidMiner Studio. The main view displays the text output of the 'LinearRegression' model. The text shows the equation: 21.608 * LAMA BELAJAR (JAM) + 492.769.

LinearRegression
 21.608 * LAMA BELAJAR (JAM)
 + 492.769

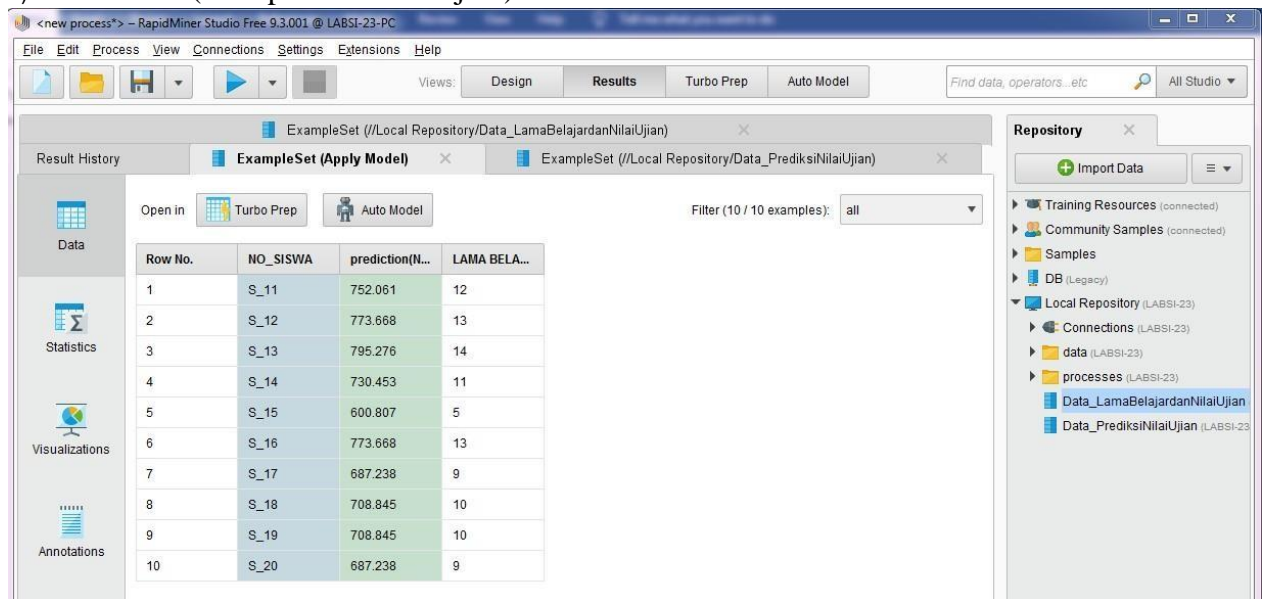
Mencari Nilai t dan Model Regresi Linier Menggunakan RapidMiner

Tabel Data Siswa :

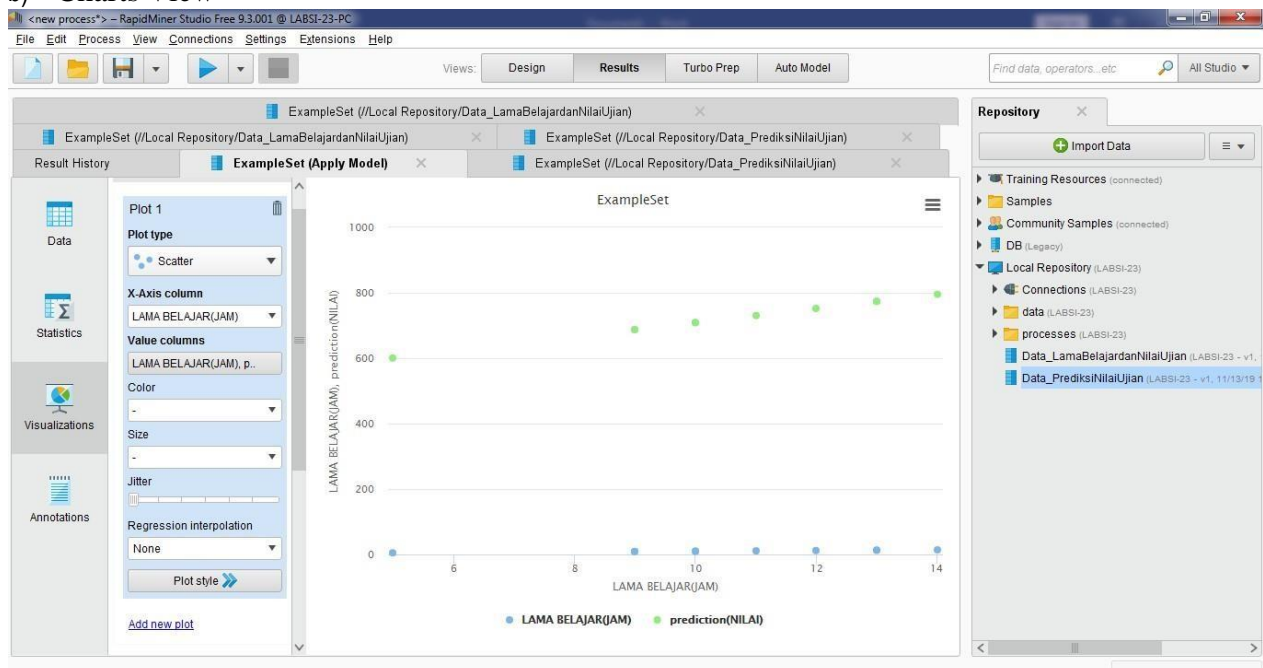
	A	B	C	D	E	F
1	NO_SISWA	NAMA	LAMA BELAJAR(JAM)			
2	S_11	BUDI	12			
3	S_12	SANTI	13			
4	S_13	DIAN	14			
5	S_14	DANI	11			
6	S_15	AHMAD	5			
7	S_16	BAYU	13			
8	S_17	RISA	9			
9	S_18	RANI	10			
10	S_19	YANI	10			
11	S_20	RATIH	9			
12						

Berikut hasil proses prediksi terhadap data testing menggunakan regresi linier :

a) Data view (hasil prediksi nilai ujian)



b) Charts View



PEMBUKTIAN MODEL REGRESI

	A	B	C	D	E	F	G	H	I
1	NO_SISWA	NAMA	LAMA BELAJAR(JAM)	Prediction(NILAI)	Prediction (NILAI)				
2				Tabel	Model Regresi				
3	S_11	BUDI	12	752,061	752.065				
4	S_12	SANTI	13	773,668	773.673				
5	S_13	DIAN	14	795,276	795.281				
6	S_14	DANI	11	730,453	730.457				
7	S_15	AHMAD	5	600,807	600.809				
8	S_16	BAYU	13	773,668	773.673				
9	S_17	RISA	9	687,238	687.241				
10	S_18	RANI	10	708,845	708.849				
11	S_19	YANI	10	708,845	708.849				
12	S_20	RATIH	9	687,238	687.241				

