

Nama : Angieta Putri Wahendra

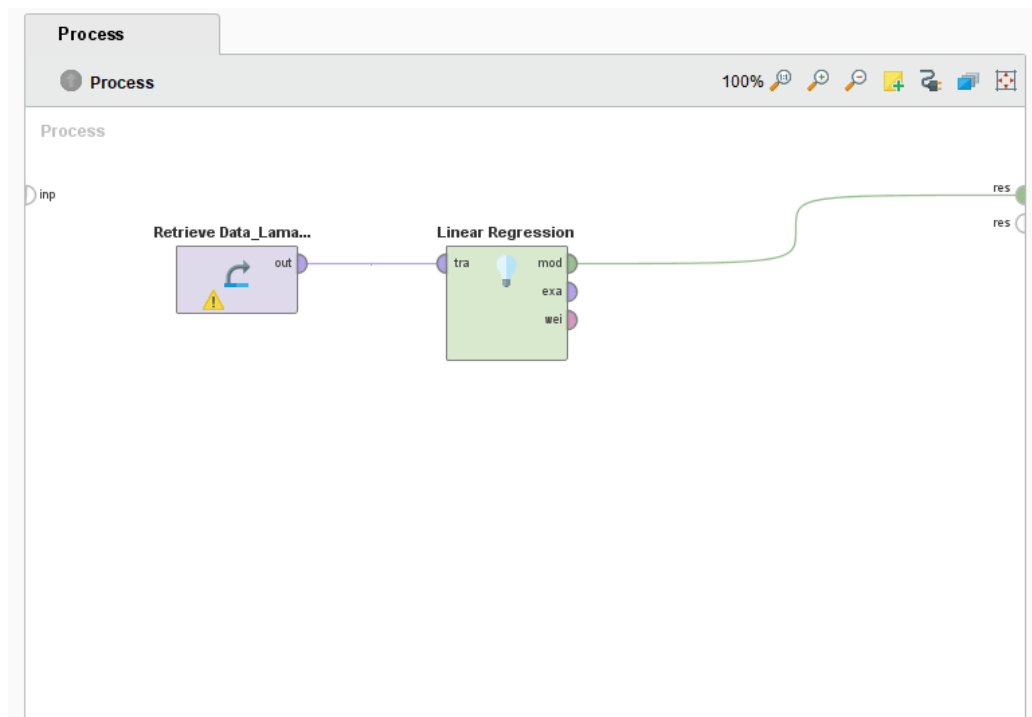
NIM : L200170096

Modul : 12

KEGIATAN

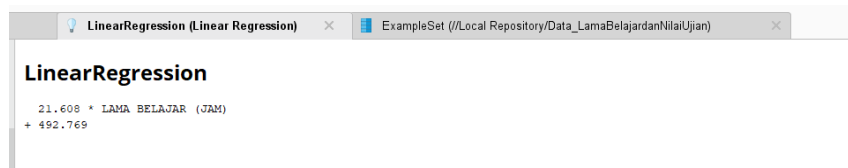
1. Mencari nilai t-hitung dan model regresi linear

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
12				



LinearRegression (Linear Regression)							
ExampleSet (//Local Repository/Data_LamaBelajardanNilaiUjian)							
Attribute	Coefficient	Std. Error	Std. Coefficient	Tolerance	t-Stat	p-Value	Code
LAMA BELAJAR (...)	21.608	7.645	0.707	1	2.827	0.022	**
(Intercept)	492.769	96.909	?	?	5.085	0.001	****

Table View

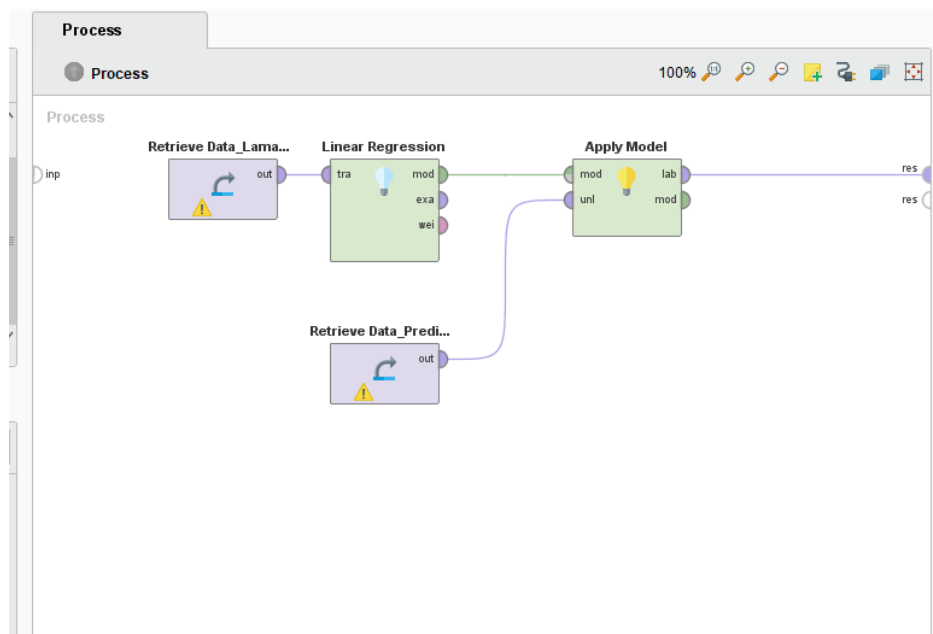


LinearRegression (Linear Regression)	ExampleSet (//Local Repository/Data_LamaBelajardanNilaiUjian)
LinearRegression	
$21.608 * \text{LAMA BELAJAR (JAM)}$	
$+ 492.769$	

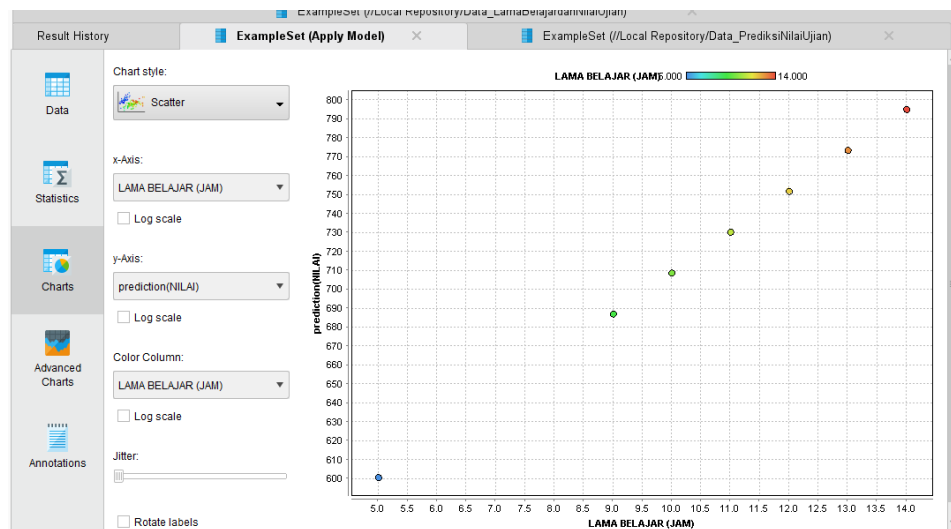
Text View

2. Mencari nilai t dan model regresi linier menggunakan RapidMiner

	A	B	C	D
1	NO_SISWA	NAMA	LAMA BELAJAR (JAM)	
2	S-111	BUDI	12	
3	S-112	SANTI	13	
4	S-113	DIAN	14	
5	S-114	DANI	11	
6	S-115	AHMAD	5	
7	S-116	BAYU	13	
8	S-117	RISA	9	
9	S-118	RANI	10	
10	S-119	YANI	10	
11	S-120	RATIH	9	
12				



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



3. Pembuktian Model Regresi

	A	B	C	D	E	F
1	NO_SISWA	NAMA	LAMA BELAJAR (JAM)	Prediction(NILAI)	Prediction(NILAI)	
2				Tabel	Model Regresi	
3	S-111	BUDI	12	752,061	752,065	
4	S-112	SANTI	13	773,668	773,673	
5	S-113	DIAN	14	795,276	795,281	
6	S-114	DANI	11	730,453	730,457	
7	S-115	AHMAD	5	600,807	600,809	
8	S-116	BAYU	13	773,668	773,673	
9	S-117	RISA	9	687,238	687,241	
10	S-118	RANI	10	708,845	708,849	
11	S-119	YANI	10	708,845	708,849	
12	S-120	RATIH	9	687,238	687,241	
13						