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Kelas : D

## Laporan Tugas Praktikum DWDM MODUL 12

### Tugas 1

Import Data - Format your columns.

**Format your columns.**

☐ Replace errors with missing values ⓘ

	NO. RESPONDEN <i>integer id</i>	PENDAPATAN (RUPIAH) <i>integer</i>	JUMLAH ANGGOTA K... <i>integer</i>	DAYA BELI (RUPIAH) <i>integer label</i>
1	1	1000000	6	834000
2	2	1400000	7	1200000
3	3	200000	3	134000
4	4	1400000	6	1167000
5	5	500000	3	334000
6	6	1700000	5	1360000
7	7	400000	3	267000
8	8	1900000	5	1520000
9	9	300000	3	200000
10	10	500000	4	375000
11	11	700000	7	600000
12	12	1900000	3	1267000
13	13	800000	4	600000

✓ no problems.

← Previous    → Next    ✗ Cancel

Open in



Turbo Prep



Auto Model

Row No.	NO. RESPON...	DAYA BELI (...)	PENDAPATA...	JUMLAH AN...
1	1	834000	1000000	6
2	2	1200000	1400000	7
3	3	134000	200000	3
4	4	1167000	1400000	6
5	5	334000	500000	3
6	6	1360000	1700000	5
7	7	267000	400000	3
8	8	1520000	1900000	5
9	9	200000	300000	3
10	10	375000	500000	4
11	11	600000	700000	7
12	12	1267000	1900000	3
13	13	600000	800000	4

ExampleSet (15 examples, 2 special attributes, 2 regular attributes)

Process

Process

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Process

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Retrieve Tugas

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Linear Regression

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Parameters

Linear Regression

feature selection M5 prime

eliminate colinear features

min tolerance 0.05

use bias

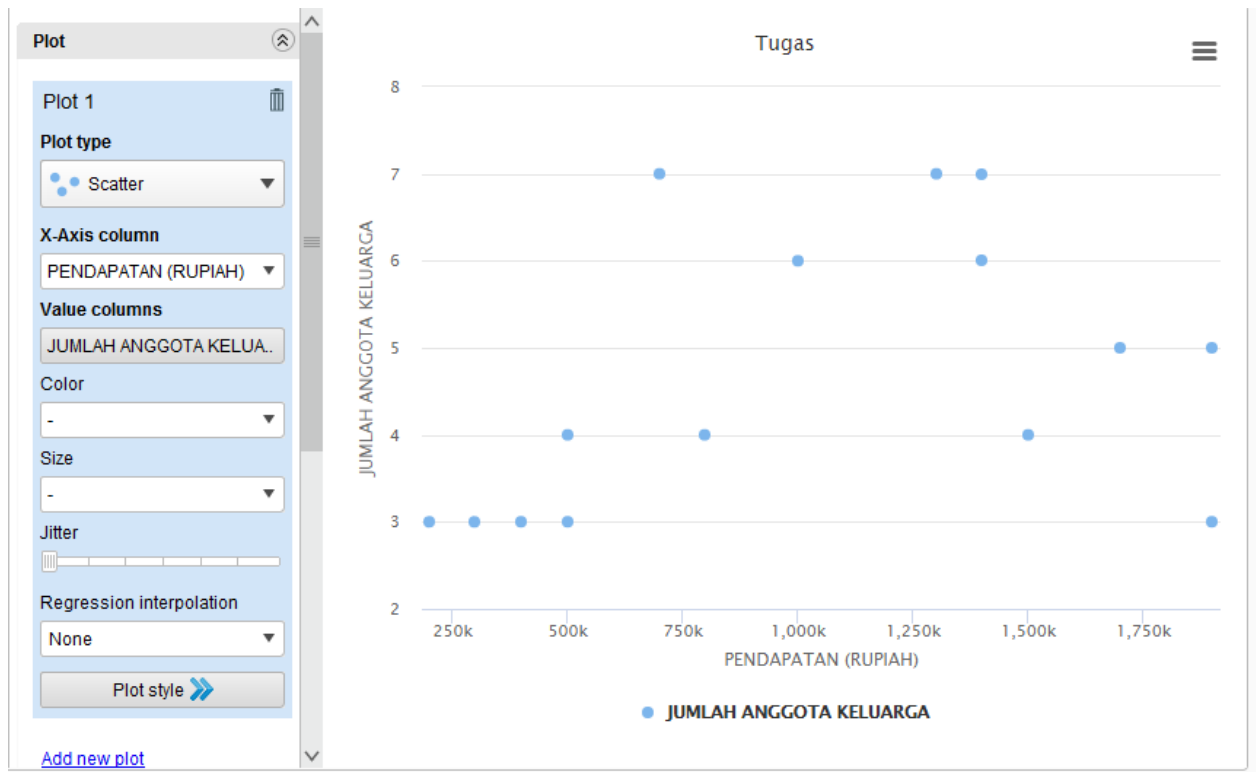
ridge 1.0E-8

Hide advanced parameters

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

# LinearRegression

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



## Tugas 2

Import Data - Format your columns.

### Format your columns.


☐ Replace errors with missing values ⓘ

	NO. RESPONDEN <i>integer</i> <i>id</i>	PENDAPATAN (RUPIAH) <i>integer</i>	JUMLAH ANGGOTA KELUARGA <i>integer</i> <i>label</i>
1	1	900000	5
2	2	800000	3
3	3	500000	2
4	4	1900000	6
5	5	600000	2
6	6	800000	5
7	7	1000000	6
8	8	1100000	4
9	9	1000000	4
10	10	500000	3

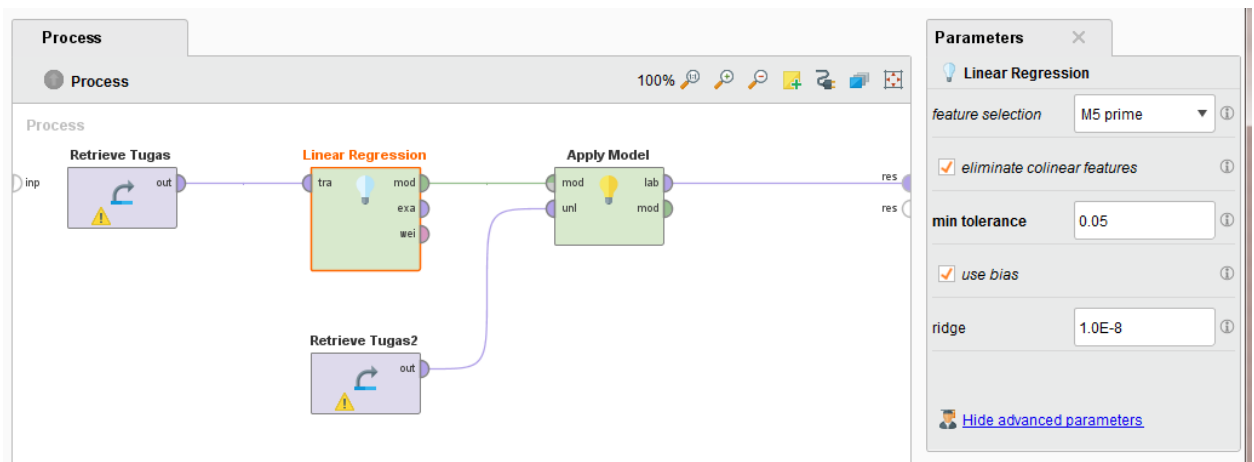
✓ no problems.

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 Auto Model

Row No.	NO. RESPON...	JUMLAH AN...	PENDAPATA...
1	1	5	900000
2	2	3	800000
3	3	2	500000
4	4	6	1900000
5	5	2	600000
6	6	5	800000
7	7	6	1000000
8	8	4	1100000
9	9	4	1000000
10	10	3	500000



Open in

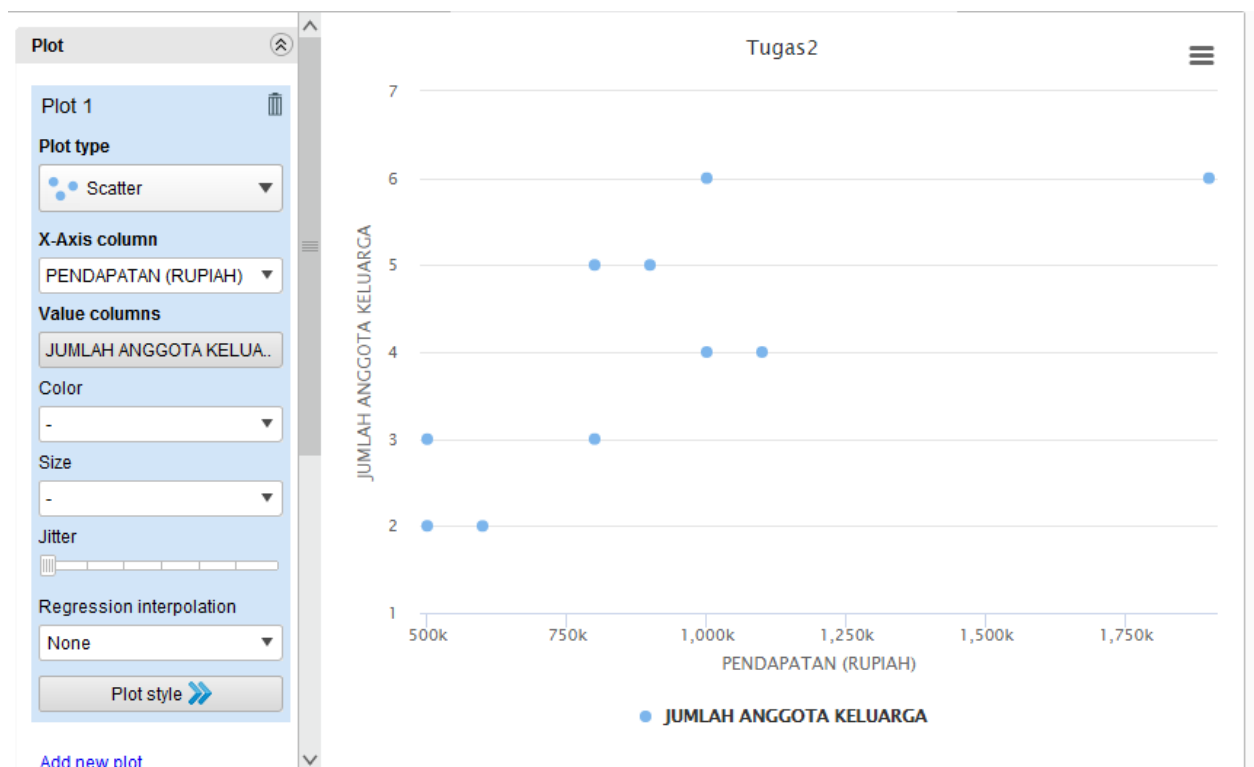


Turbo Prep



Auto Model

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



NO. RESPONDEN	PENDAPATAN (RUPIAH)	JUMLAH ANGGOTA KELUARGA	Y
1	900000	5	723915.633
2	800000	3	554400.385
3	500000	2	284892.761
4	1900000	6	1510723.257
5	600000	2	358792.761
6	800000	5	650015.633
7	1000000	6	845623.257
8	1100000	4	823908.009
9	1000000	4	750008.009
10	500000	3	332700.385