

NAMA : Yuda Dwi Nurcahyo

NIM : L200170126

KELAS : E

PERCOBAAN MODUL 12

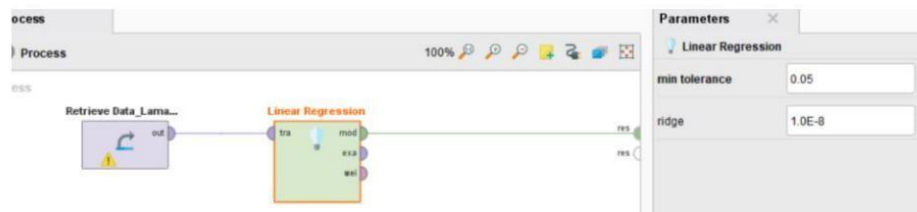
12.4.1

Import Data - Format your columns.

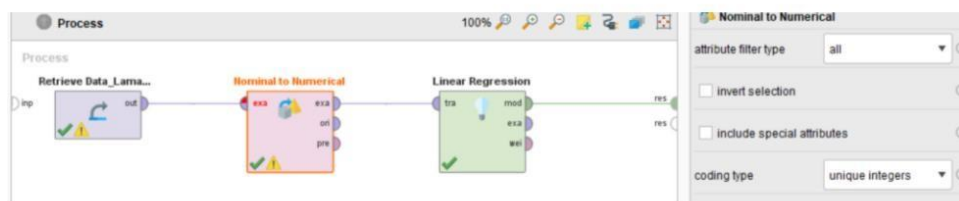
Format your columns.

Date format: MMM d, yyyy h:mm:ss a z ☐ Replace errors with missing values

| | NO_SISWA <i>polynomial id</i> | NAMA <i>polynomial</i> | LAMA BELAJAR (JAM) <i>integer</i> | NILAI <i>integer label</i> |
|----|--------------------------------------|---------------------------|--------------------------------------|-----------------------------------|
| 1 | S-101 | JORD | 15 | 783 |
| 2 | S-102 | AGUS | 18 | 877 |
| 3 | S-103 | SURYA | 7 | 505 |
| 4 | S-104 | DYAH | 9 | 860 |
| 5 | S-105 | WATI | 15 | 986 |
| 6 | S-106 | KA | 17 | 783 |
| 7 | S-107 | EKO | 10 | 752 |
| 8 | S-108 | YANTO | 5 | 571 |
| 9 | S-109 | WARWAN | 8 | 667 |
| 10 | S-110 | MAHMUD | 15 | 723 |



| Attribute | Coefficient | Std. Error | Std. Coefficient | Tolerance | t-Stat | p-Value | Code |
|-----------------|-------------|------------|------------------|-----------|--------|---------|------|
| LAMA BELAJAR... | 21.633 | 7.947 | 0.693 | 1 | 2.722 | 0.026 | ** |
| (Intercept) | 493.270 | 100.742 | ? | ? | 4.896 | 0.001 | *** |



| Attribute | Coefficient | Std. Error | Std. Coefficient | Tolerance | t-Stat | p-Value | Code |
|-----------------|-------------|------------|------------------|-----------|--------|---------|------|
| LAMA BELAJAR... | 21.633 | 7.947 | 0.693 | 1 | 2.722 | 0.026 | ** |
| (Intercept) | 493.270 | 100.742 | ? | ? | 4.896 | 0.001 | *** |

LinearRegression

21.633 * LAMA BELAJAR (JAM)
+ 493.270

12.4.2

Import Data - Format your columns.

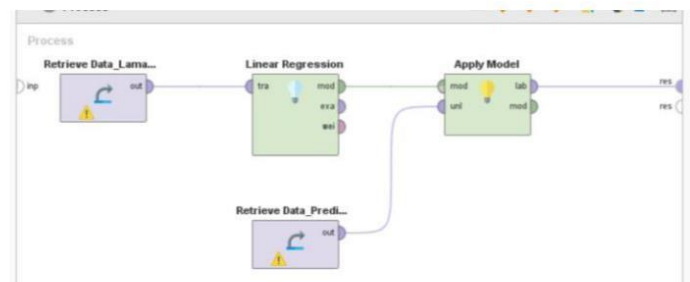
Format your columns.

Date format: MMM d, yyyy h:mm:ss a z ☐ Replace errors with missing values ⓘ

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

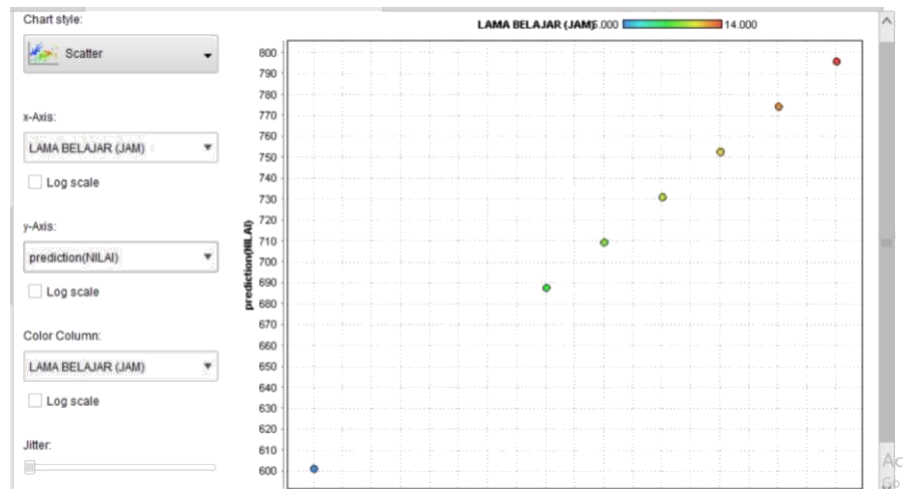
no problems.

← Previous → Next ✕ Cancel



ExampleSet (10 examples, 2 special attributes, 1 regular attribute)

| Row No. | NO_SISWA | prediction(N... | LAMA BELA... |
|---------|----------|-----------------|--------------|
| 1 | S-111 | 752.863 | 12 |
| 2 | S-112 | 774.496 | 13 |
| 3 | S-113 | 796.129 | 14 |
| 4 | S-114 | 731.230 | 11 |
| 5 | S-115 | 601.434 | 5 |
| 6 | S-116 | 774.496 | 13 |
| 7 | S-117 | 687.965 | 9 |
| 8 | S-118 | 709.598 | 10 |
| 9 | S-119 | 709.598 | 10 |
| 10 | S-120 | 687.965 | 9 |



12.4.3

| A | B | C | D | E |
|----------|-------|--------------------|--------------------|------------------------|
| NO_SISWA | NAMA | LAMA BELAJAR (JAM) | Prediction (NILAI) | Prediction (NILAI) |
| | | | Tabel | Model Regresi |
| S-111 | BUDI | 12 | 752.863 | $= (21,633 * C3) + E4$ |
| S-112 | SANTI | 13 | 774.496 | |
| S-113 | DIAN | 14 | 796.129 | |
| S-114 | DANI | 11 | 731.230 | |
| S-115 | AHMAD | 5 | 601.434 | |
| S-116 | BAYU | 13 | 774.496 | |
| S-117 | RISA | 9 | 687.965 | |
| S-118 | RANI | 10 | 709.598 | |
| S-119 | YANI | 10 | 709.598 | |
| S-120 | RATIH | 9 | 687.965 | |

| A | B | C | D | E |
|----------|-------|--------------------|--------------------|--------------------|
| NO_SISWA | NAMA | LAMA BELAJAR (JAM) | Prediction (NILAI) | Prediction (NILAI) |
| | | | Tabel | Model Regresi |
| S-111 | BUDI | 12 | 752.863 | 2293,098 |
| S-112 | SANTI | 13 | 774.496 | 2033,502 |
| S-113 | DIAN | 14 | 796.129 | 1752,273 |
| S-114 | DANI | 11 | 731.230 | 1449,411 |
| S-115 | AHMAD | 5 | 601.434 | 1211,448 |
| S-116 | BAYU | 13 | 774.496 | 1103,283 |
| S-117 | RISA | 9 | 687.965 | 822,054 |
| S-118 | RANI | 10 | 709.598 | 627,357 |
| S-119 | YANI | 10 | 709.598 | 411,027 |
| S-120 | RATIH | 9 | 687.965 | 194,697 |