

Nama : REZA MIFTAHUL RIZKI  
NIM : L200170108

**Kegiatan Praktikum**

| NO_SISWA | NAMA   | LAMA BELAJAR(JAM) | NILAI |
|----------|--------|-------------------|-------|
| S-101    | JOKO   | 15                | 783   |
| S-102    | AGUS   | 18                | 877   |
| S-103    | SUSI   | 7                 | 505   |
| S-104    | DYAH   | 9                 | 860   |
| S-105    | WATI   | 15                | 968   |
| S-106    | IKA    | 17                | 793   |
| S-107    | EKO    | 10                | 752   |
| S-108    | YANTO  | 5                 | 571   |
| S-109    | WAWAN  | 8                 | 667   |
| S-110    | MAHMUD | 15                | 723   |

Import Data - Select the cells to import.



### Select the cells to import.

Sheet: **Sheet1** ▼

Cell range: **A:D**

Select All

☒ Define header row: **1**

|    | A        | B      | C                 | D       |
|----|----------|--------|-------------------|---------|
| 1  | NO_SISWA | NAMA   | LAMA BELAJAR(JAM) | NILAI   |
| 2  | S-101    | JOKO   | 15.000            | 783.000 |
| 3  | S-102    | AGUS   | 18.000            | 877.000 |
| 4  | S-103    | SUSI   | 7.000             | 505.000 |
| 5  | S-104    | DYAH   | 9.000             | 860.000 |
| 6  | S-105    | WATI   | 15.000            | 968.000 |
| 7  | S-106    | IKA    | 17.000            | 793.000 |
| 8  | S-107    | EKO    | 10.000            | 752.000 |
| 9  | S-108    | YANTO  | 5.000             | 571.000 |
| 10 | S-109    | WAWAN  | 8.000             | 667.000 |
| 11 | S-110    | MAHMUD | 15.000            | 723.000 |

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Cancel

## Format your columns.

☐ Replace errors with missing values ⓘ

|    | NO_SISWA<br><i>polynomial<br/>id</i> | NAMA<br><i>polynomial</i> | LAMA BELAJAR(JAM)<br><i>integer</i> | NILAI<br><i>integer<br/>label</i> |
|----|--------------------------------------|---------------------------|-------------------------------------|-----------------------------------|
| 1  | S-101                                | JOKO                      | 15                                  | 783                               |
| 2  | S-102                                | AGUS                      | 18                                  | 877                               |
| 3  | S-103                                | SUSI                      | 7                                   | 505                               |
| 4  | S-104                                | DYAH                      | 9                                   | 860                               |
| 5  | S-105                                | WATI                      | 15                                  | 968                               |
| 6  | S-106                                | IKA                       | 17                                  | 793                               |
| 7  | S-107                                | EKO                       | 10                                  | 752                               |
| 8  | S-108                                | YANTO                     | 5                                   | 571                               |
| 9  | S-109                                | WAWAN                     | 8                                   | 667                               |
| 10 | S-110                                | MAHMUD                    | 15                                  | 723                               |

✓ no problems.

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Turbo Prep



Auto Model

| Row No. | NO_SISWA | NILAI | LAMA BELA... |
|---------|----------|-------|--------------|
| 1       | S-101    | 783   | 15           |
| 2       | S-102    | 877   | 18           |
| 3       | S-103    | 505   | 7            |
| 4       | S-104    | 860   | 9            |
| 5       | S-105    | 968   | 15           |
| 6       | S-106    | 793   | 17           |
| 7       | S-107    | 752   | 10           |
| 8       | S-108    | 571   | 5            |
| 9       | S-109    | 667   | 8            |
| 10      | S-110    | 723   | 15           |

Process

Process

100%

Process

inp

Retrieve Data\_Lama...

out

Linear Regression

tra

mod

exa

wei

res

res

Parameters

Linear Regression

min toleran... 0.05

ridge 1.0E-8

Show advanced parameters

Result History

LinearRegression (Linear Regression)

| Attribute      | Coefficient | Std. Error | Std. Coeffici... | 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   | **** |

# LinearRegression

$21.608 * \text{LAMA BELAJAR (JAM)}$   
 $+ 492.769$

| NO_SISWA | NAMA   | LAMA BELAJAR(JAM) | NILAI | Y       |
|----------|--------|-------------------|-------|---------|
| S-101    | JOKO   | 15                | 783   | 816.889 |
| S-102    | AGUS   | 18                | 877   | 881.713 |
| S-103    | SUSI   | 7                 | 505   | 644.025 |
| S-104    | DYAH   | 9                 | 860   | 687.241 |
| S-105    | WATI   | 15                | 968   | 816.889 |
| S-106    | IKA    | 17                | 793   | 860.105 |
| S-107    | EKO    | 10                | 752   | 708.849 |
| S-108    | YANTO  | 5                 | 571   | 600.809 |
| S-109    | WAWAN  | 8                 | 667   | 665.633 |
| S-110    | MAHMUD | 15                | 723   | 816.889 |

Import Data - Select the cells to import.

Select the cells to import.

Sheet: Sheet1 Cell range: A:C Select All Define header row: 1

|    | A        | B     | C                 |
|----|----------|-------|-------------------|
| 1  | NO_SISWA | NAMA  | LAMA BELAJAR(JAM) |
| 2  | S-111    | BUDI  | 12.000            |
| 3  | S-112    | SANTI | 13.000            |
| 4  | S-113    | DIAN  | 14.000            |
| 5  | S-114    | DANI  | 11.000            |
| 6  | S-115    | AHMAD | 5.000             |
| 7  | S-116    | BAYU  | 13.000            |
| 8  | S-117    | RISA  | 9.000             |
| 9  | S-118    | RANI  | 10.000            |
| 10 | S-119    | YANI  | 10.000            |
| 11 | S-120    | RATIH | 9.000             |

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Cancel



## Format your columns.

☐ Replace errors with missing values ⓘ

|    | NO_SISWA<br><i>polynomial id</i> | NAMA<br><i>polynomial</i> | LAMA BELAJAR(JAM)<br><i>integer</i> |
|----|----------------------------------|---------------------------|-------------------------------------|
| 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                            | BAYU                      | 13                                  |
| 7  | S-117                            | RISA                      | 9                                   |
| 8  | S-118                            | RANI                      | 10                                  |
| 9  | S-119                            | YANI                      | 10                                  |
| 10 | S-120                            | RATIH                     | 9                                   |

✓ no problems.

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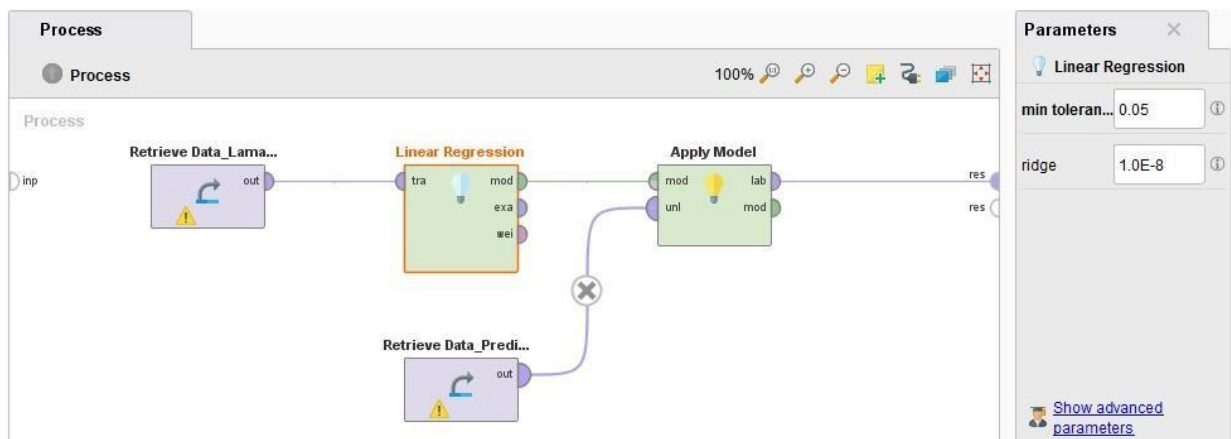


Turbo Prep



Auto Model

| Row No. | NO_SISWA | LAMA BELA... |
|---------|----------|--------------|
| 1       | S-111    | 12           |
| 2       | S-112    | 13           |
| 3       | S-113    | 14           |
| 4       | S-114    | 11           |
| 5       | S-115    | 5            |
| 6       | S-116    | 13           |
| 7       | S-117    | 9            |
| 8       | S-118    | 10           |
| 9       | S-119    | 10           |
| 10      | S-120    | 9            |





Open in



Turbo Prep



Auto Model

| 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            |

Plot

Plot 1

Plot type

Scatter

X-Axis column

LAMA BELAJAR(JAM)

Value column

prediction(NILAI)

Color

LAMA BELAJAR(JAM)

Size

-

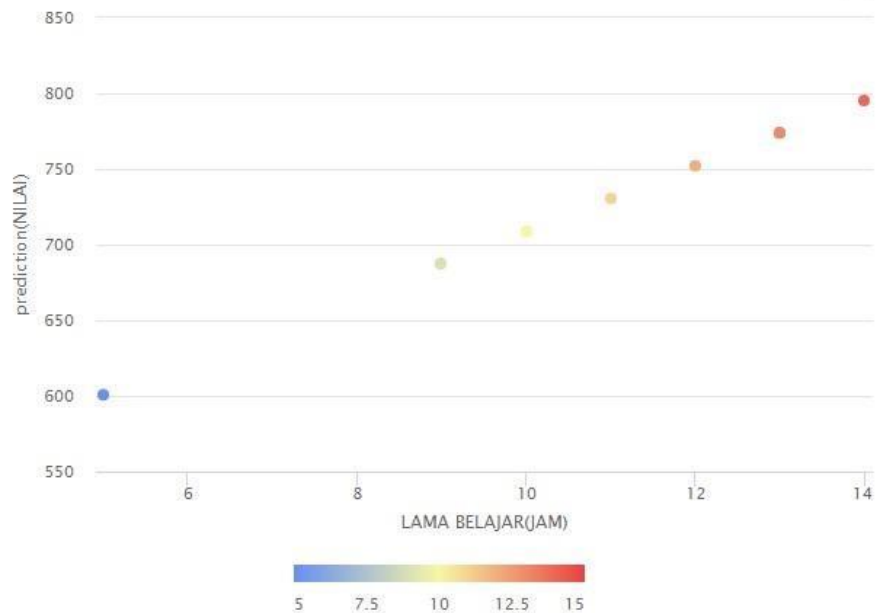
Jitter

Regression interpolation

None

Plot style

Apply Model



| A        | B     | C                 | D       | E                |
|----------|-------|-------------------|---------|------------------|
| NO_SISWA | NAMA  | LAMA BELAJAR(JAM) | Tabel   | Model Regression |
| S-111    | BUDI  | 12                | 752.061 | 752.065          |
| S-112    | SANTI | 13                | 773.668 | 773.673          |
| S-113    | DIAN  | 14                | 795.276 | 795.281          |
| S-114    | DANI  | 11                | 730.453 | 730.457          |
| S-115    | AHMAD | 5                 | 600.807 | 600.809          |
| S-116    | BAYU  | 13                | 773.668 | 773.673          |
| S-117    | RISA  | 9                 | 687.238 | 687.241          |
| S-118    | RANI  | 10                | 708.845 | 708.849          |
| S-119    | YANI  | 10                | 708.845 | 708.849          |
| S-120    | RATIH | 9                 | 687.238 | 687.241          |