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Pertama tama drag file pada group Data ke Workspace lalu buka file Salary Dataset.CSV. lalu set salary sebagai role target.

Source

File: Users/muhammadthoriqzam/Downloads/Salary_Data.csv

URL:

File Type

Automatically detect type

Info

30 instances
2 features (no missing values)
Data has no target variable.
0 meta attributes

Columns (Double click to edit)

	Name	Type	Role	Values
1	YearsExperie...	N numeric	feature	
2	Salary	N numeric	target	

Reset Apply

Browse documentation datasets

?

30

Drag data linier regression pada group model dan drag test and score ke workspace. Untuk melihat data yang terload tarik data ke file dan untuk regresi

Orange Data Mining Workbench

The screenshot shows the Orange data mining workbench interface. On the left is the main toolbar with various icons for file operations, data management, transformation, visualization, modeling, evaluation, and unsupervised learning. Below the toolbar is a search bar labeled "Filter..." and a status message: "Select a widget to show its description. See [workflow examples](#), [YouTube tutorials](#), or open the [welcome screen](#)".

The central workspace displays a data flow diagram. A "File" node on the left has three outgoing arrows labeled "Data" leading to a "Data Table" node, a "Feature Statistics" node, and a "Box Plot" node. The "Data Table" node has an arrow labeled "Data" leading to a "Scatter Plot" node. The "Scatter Plot" node has an arrow labeled "Data" leading to a "Data Sampler" node. The "Data Sampler" node has two outgoing arrows: one labeled "Data Sample → Data" leading to a "Linear Regression" node, and another labeled "Model → Predictions" leading to a "Test and Score" node. The "Linear Regression" node has an arrow labeled "Data Sample → Data" leading to the "Test and Score" node. The "Test and Score" node has an arrow labeled "Learner" leading back to the "Data Sampler" node.

At the bottom of the workspace, there is a "Data Table" preview window showing a table with two columns: "Salary" and "YearsExperience". The table contains 30 rows of data. The first few rows are:

	Salary	YearsExperience
1	39343.00	1.1
2	46205.00	1.3
3	37731.00	1.5
4	43525.00	2.0
5	39891.00	2.2
6	56642.00	2.9
7	60150.00	3.0
8	54445.00	3.2
9	64445.00	3.2
10	57189.00	3.7
11	63218.00	3.9
12	55794.00	4.0
13	56957.00	4.0
14	57081.00	4.1
15	61111.00	4.5
16	67938.00	4.9
17	66029.00	5.1
18	83088.00	5.3
19	81363.00	5.9
20	93940.00	6.0
21	91738.00	6.8
22	98273.00	7.1
23	101302.00	7.9
24	113812.00	8.2
25	109431.00	8.7
26	105582.00	9.0
27	116969.00	9.5
28	112635.00	9.6
29	122391.00	10.3
30	121872.00	10.5

The bottom of the screen shows the Mac OS X dock with various application icons.

Orange File Edit View Window Help

Linear Lasso Regression Housing.ows Fri 4 Oct 19.42

Data

- File CSV File Import Datasets SQL Table
- Data Table Paint Data Data Info Rank
- Edit Domain Color Feature Statistics Save Data
- Transform Visualize Model Evaluate Unsupervised

Data Table

View the dataset in a spreadsheet.

more...

Data Table (1)

Info
30 instances (no missing data)
1 feature
Numeric outcome
No meta attributes.

Variables
 Show variable labels (if present)
 Visualize numeric values
 Color by instance classes

Selection
 Select full rows

Restore Original Order

Send Automatically

	Salary	YearsExperience
1	39343.00	1.1
2	46205.00	1.3
3	37731.00	1.5
4	43525.00	2.0
5	39891.00	2.2
6	56642.00	2.9
7	60150.00	3.0
8	54445.00	3.2
9	64445.00	3.2
10	57189.00	3.7
11	63218.00	3.9
12	55794.00	4.0
13	56957.00	4.0
14	57081.00	4.1
15	61111.00	4.5
16	67938.00	4.9
17	66029.00	5.1
18	83088.00	5.3
19	81363.00	5.9
20	93940.00	6.0
21	91738.00	6.8
22	98273.00	7.1

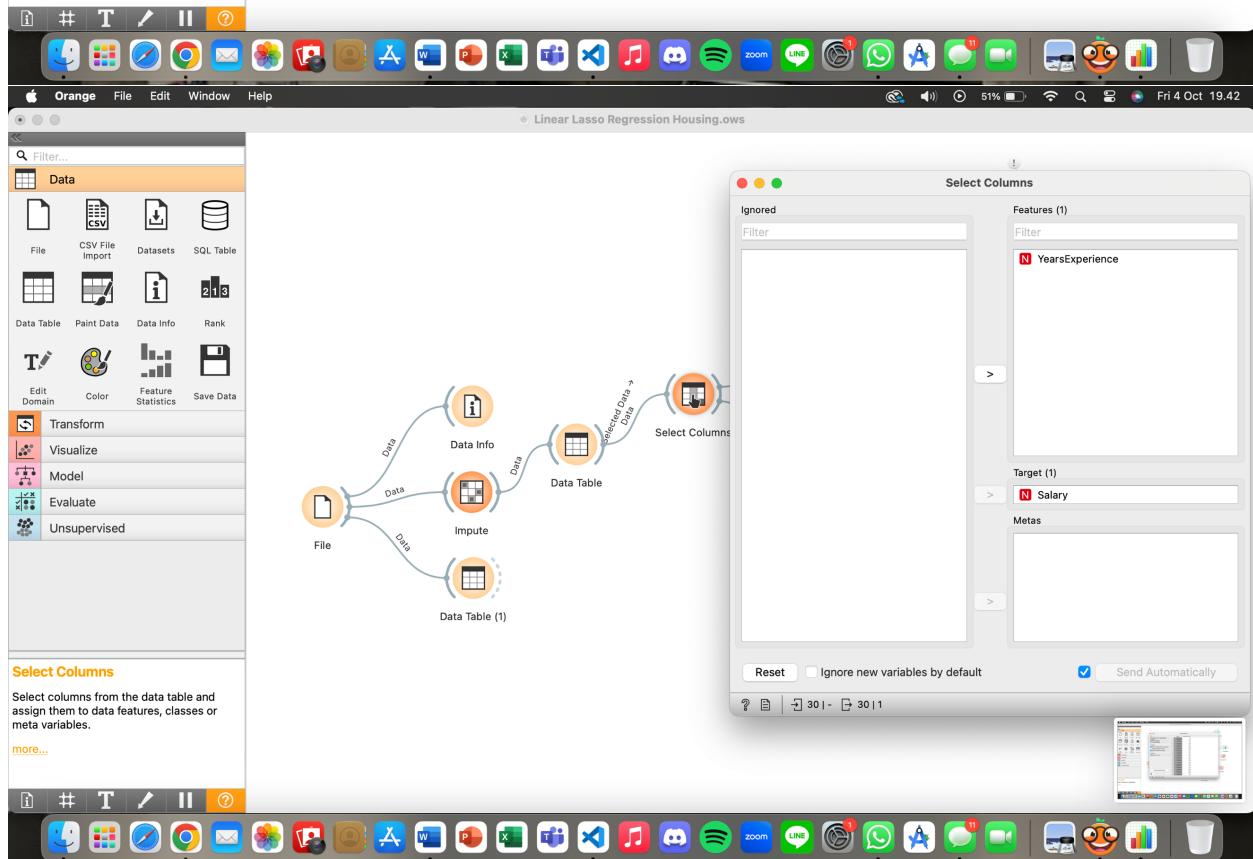
Score

Predictions

Scatter Plot

Box Plot

Data Table (2)



Orange Data Table (2) (1)

	Salary	YearsExperience
1	39343.00	1.1
2	46205.00	1.3
3	37731.00	1.5
4	43525.00	2.0
5	39891.00	2.2
6	56642.00	2.9
7	60150.00	3.0
8	54445.00	3.2
9	64445.00	3.2
10	57189.00	3.7
11	63218.00	3.9
12	55794.00	4.0
13	56957.00	4.0
14	57081.00	4.1
15	61111.00	4.5
16	67938.00	4.9
17	66029.00	5.1
18	83088.00	5.3
19	81363.00	5.9
20	93940.00	6.0
21	91738.00	6.8
22	98273.00	7.1
23	101302.00	7.9
24	113812.00	8.2
25	109431.00	8.7
26	105582.00	9.0
27	116969.00	9.5
28	112635.00	9.6
29	122391.00	10.3
30	121872.00	10.5

Restore Original Order

Send Automatically

Linear Lasso Regression Housing.ows

Linear Regression

Name: Linear Regression

Parameters:

- Fit intercept (unchecked it fixes it to zero)

Regularization:

- No regularization
- Ridge regression (L2)
- Lasso regression (L1)
- Elastic net regression

Regularization strength: Alpha: 0.0001

Elastic net mixing: L1: 0.50 : L2: 0.50

Apply Automatically

Data Table (2) (1)

Linear Regression

Test and Score

Predictions

Scatter Plot

Box Plot

Orange Data Mining Software - Linear Lasso Regression Housing.ows

Test and Score

Cross-validation accuracy estimation.

more...

Predictions

Shown regression error: Difference

	Linear Regression	error	Salary	YearsExperience
1	36187.16	-3155...	39343.00	1.1
2	38077.15	-8127...	46205.00	1.3
3	39967.14	2236.14	37731.00	1.5
4	44692.12	1167.12	43525.00	2.0
5	46582.12	6691.12	39891.00	2.2
6	53197.09	-3444...	56642.00	2.9
7	54142.09	-6007...	60150.00	3.0
8	56032.08	1587.08	54445.00	3.2
9	56032.08	-8412...	64445.00	3.2
10	60757.06	3566.06	57189.00	3.7
11	62647.05	-570.95	63218.00	3.9
12	63592.05	7798.05	55794.00	4.0
13	63592.05	6635.05	56957.00	4.0
14	64537.05	7456.05	57081.00	4.1
15	68317.03	7206.03	61111.00	4.5
16	72097.02	4159.02	67938.00	4.9
17	73987.01	7958.01	66029.00	5.1
18	75877.00	-7211...	83088.00	5.3
19	81546.98	183.98	81363.00	5.9
20	82491.97	-1144...	93940.00	6.0
21	90051.94	-1686...	91738.00	6.8
22	92886.93	-5386...	98273.00	7.1
23	100446.90	-855.10	101302.00	7.9
24	103281.89	-1053...	113812.00	8.2
25	108006.87	-1424...	109431.00	8.7
26	110841.86	5259.86	105582.00	9.0

Show performance scores

Model	MSE	RMSE	MAE	MAPE	R2
Linear Regression	31270951.722	5592.044	4644.201	0.070	0.957

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