

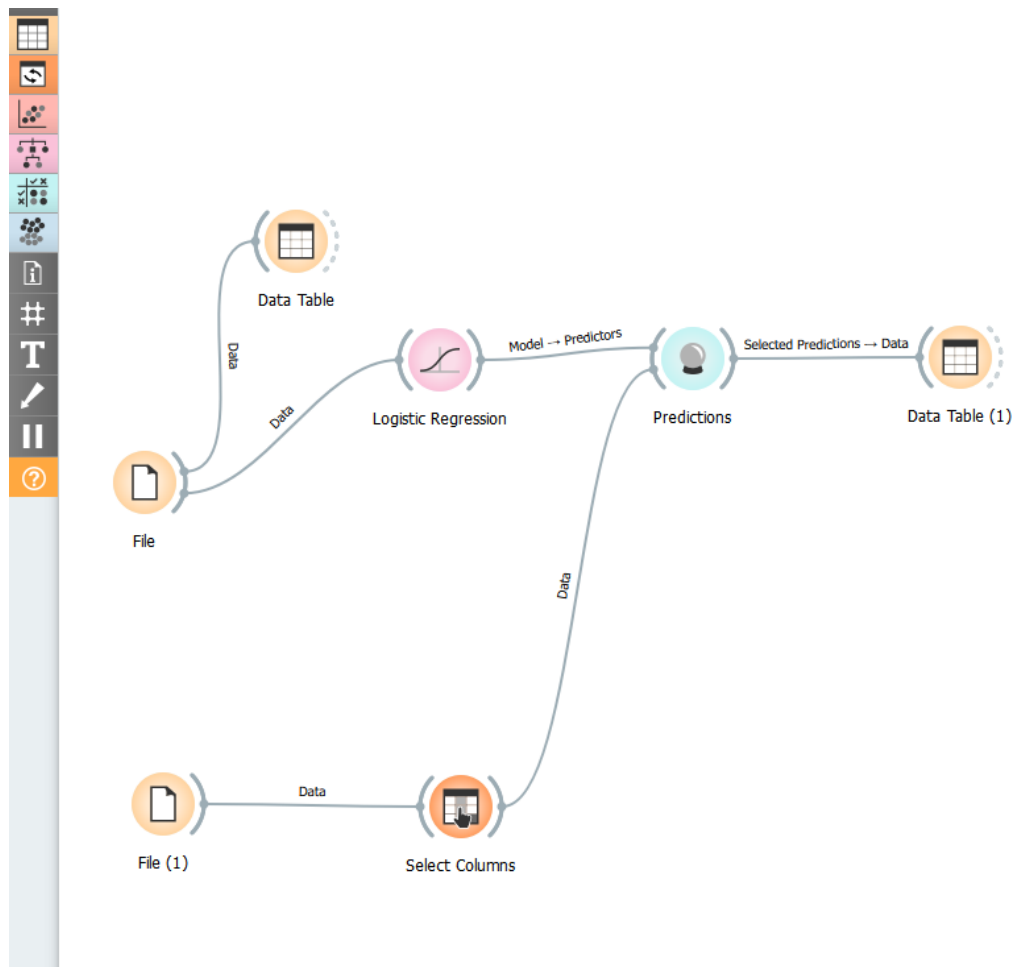
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TUGAS 2 PEMBELAJARAN MESIN

- Logistics regression menggunakan orange data mining



File - Orange

Source: Use CSV File Import widget for advanced options for comma-separated files. **Ok, got it**

File: ML\iris.csv **Reload**

URL:

File Type: Automatically detect type

Info: 150 instances, 6 features (no missing values), Data has no target variable, 0 meta attributes

Columns (Double click to edit)

Name	Type	Role	Values
1 Id	numeric	feature	
2 SepalLengthCm	numeric	feature	
3 SepalWidthCm	numeric	feature	
4 PetalLengthCm	numeric	feature	
5 PetalWidthCm	numeric	feature	
6 Species	categorical	target	Iris-setosa, Iris-versicolor, Iris-virginica

Reset **Apply**

Browse documentation datasets

150

Data Table - Orange

Info: 150 instances (no missing data), 5 features, Target with 3 values, 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

	Species	Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm
1	Iris-setosa	1	5.1	3.5	1.4	
2	Iris-setosa	2	4.9	3.0	1.4	
3	Iris-setosa	3	4.7	3.2	1.3	
4	Iris-setosa	4	4.6	3.1	1.5	
5	Iris-setosa	5	5.0	3.6	1.4	
6	Iris-setosa	6	5.4	3.9	1.7	
7	Iris-setosa	7	4.6	3.4	1.4	
8	Iris-setosa	8	5.0	3.4	1.5	
9	Iris-setosa	9	4.4	2.9	1.4	
10	Iris-setosa	10	4.9	3.1	1.5	
11	Iris-setosa	11	5.4	3.7	1.5	
12	Iris-setosa	12	4.8	3.4	1.6	
13	Iris-setosa	13	4.8	3.0	1.4	
14	Iris-setosa	14	4.3	3.0	1.1	
15	Iris-setosa	15	5.8	4.0	1.2	
16	Iris-setosa	16	5.7	4.4	1.5	
17	Iris-setosa	17	5.4	3.9	1.3	
18	Iris-setosa	18	5.1	3.5	1.4	
19	Iris-setosa	19	5.7	3.8	1.7	
20	Iris-setosa	20	5.1	3.8	1.5	
21	Iris-setosa	21	5.4	3.4	1.7	
22	Iris-setosa	22	5.1	3.7	1.5	
23	Iris-setosa	23	4.6	3.6	1.0	

150 | 150

Predictions - Orange

Show probabilities for: (None) **Restore Original Order**

	Logistic Regression	PetalWidthCm	Species
1	Iris-versicolor	0.2	Iris-setosa
2	Iris-versicolor	0.2	Iris-setosa
3	Iris-versicolor	0.2	Iris-setosa
4	Iris-versicolor	0.2	Iris-setosa
5	Iris-versicolor	0.2	Iris-setosa
6	Iris-versicolor	0.4	Iris-setosa
7	Iris-versicolor	0.3	Iris-setosa
8	Iris-versicolor	0.2	Iris-setosa
9	Iris-versicolor	0.2	Iris-setosa
10	Iris-versicolor	0.1	Iris-setosa

150 | 150 | 150

Data Table (1) - Orange

Info
150 instances (no missing data)
2 features
No target variable.
1 meta attribute

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

Selection
☒ Select full rows

Restore Original Order

☒ Send Automatically

	Logistic Regression	PetalWidthCm	Species
1	Iris-versicolor	0.2	Iris-setosa
2	Iris-versicolor	0.2	Iris-setosa
3	Iris-versicolor	0.2	Iris-setosa
4	Iris-versicolor	0.2	Iris-setosa
5	Iris-versicolor	0.2	Iris-setosa
6	Iris-versicolor	0.4	Iris-setosa
7	Iris-versicolor	0.3	Iris-setosa
8	Iris-versicolor	0.2	Iris-setosa
9	Iris-versicolor	0.2	Iris-setosa
10	Iris-versicolor	0.1	Iris-setosa
11	Iris-versicolor	0.2	Iris-setosa
12	Iris-versicolor	0.2	Iris-setosa
13	Iris-versicolor	0.1	Iris-setosa
14	Iris-versicolor	0.1	Iris-setosa
15	Iris-versicolor	0.2	Iris-setosa
16	Iris-versicolor	0.4	Iris-setosa
17	Iris-versicolor	0.4	Iris-setosa
18	Iris-versicolor	0.3	Iris-setosa
19	Iris-versicolor	0.3	Iris-setosa
20	Iris-versicolor	0.3	Iris-setosa
21	Iris-versicolor	0.2	Iris-setosa
22	Iris-versicolor	0.4	Iris-setosa
23	Iris-versicolor	0.2	Iris-setosa

150 | 150 | 150

- Classification model: Klasifikasi kualitas air sungai citarum (logistics model)
- Regression model: Linear regresi dengan basis fungsi (linear model)