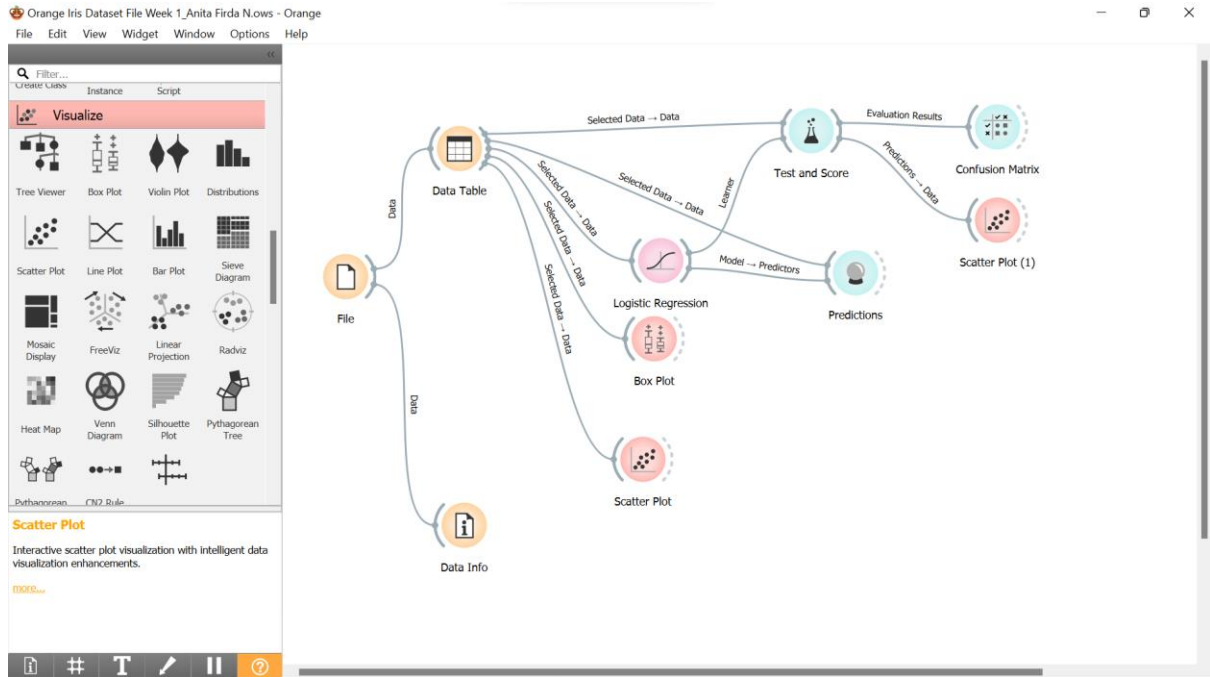


TUGAS MINGGU 2 MACHINE LEARNING

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Home



File

Orange Iris Dataset File Week 1_Anita Firda N.ows - Orange

File Edit View Widget Window Options Help

File - Orange

Source

File: ASUS\Downloads\Iris.csv

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	N numeric	feature	
2 SepalLengthCm	N numeric	feature	
3 SepalWidthCm	N numeric	feature	
4 PetalLengthCm	N numeric	feature	
5 PetalWidthCm	N numeric	feature	
6 Species	C categorical	target	Iris-setosa, Iris-versicolor, Iris-virginica

Reset

Apply

Browse documentation datasets

Visualize

Tree Viewer Box Plot Violin Plot Distributions

Scatter Plot Line Plot Bar Plot Sieve Diagram

Mosaic Display FreeViz Linear Projection Radviz

Heat Map Venn Diagram Silhouette Plot Pythagorean Tree

Pythagorean CN2 Rule

Scatter Plot

Interactive scatter plot visualization with intelligent data visualization enhancements.

MORE...

Confusion Matrix

Scatter Plot (1)

Orange 3.12.1 Dataset File Week 1_Anita Firda Nurs - Orange

File Edit View Widget Window Options Help

Filter ...
Create Table Instance Script

Visualize

Tree Viewer Box Plot Violin Plot Distributions

Scatter Plot Line Plot Bar Plot Sieve Diagram

Mosaic Display FreeViz Linear Projection Radviz

Heat Map Venn Diagram Silhouette Plot Pythagorean Tree

Pythagorean Tree CN2 Rule

Data Table

View the dataset in a spreadsheet.

more...

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	Sepal.LengthCm	Sepal.WidthCm	Petal.LengthCm	Petal.WidthCm
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	

The screenshot displays the Orange3 data mining software interface. The main workspace shows a workflow with the following components and connections:

- File** widget connected to **Data Table** widget.
- Data Table** widget connected to **Scatter Plot** widget.
- Data Table** widget connected to **Data Info** widget.
- Data Info** widget connected to **Scatter Plot** widget.
- Data Table** widget connected to **Test and Score** widget.
- Test and Score** widget connected to **Evaluation Results** widget.
- Test and Score** widget connected to **Confusion Matrix** widget.
- Test and Score** widget connected to **Scatter Plot (1)** widget.

The **Data Info** widget's properties are displayed in a pop-up window:

- Name:** Iris
- Size:** ~150 rows, 6 columns
- Features:** 5 numeric
- Targets:** categorical outcome with 3 classes
- Missing data:** none
- Additional attributes:**

The interface also shows a **Visualize** panel with various plot types and a top menu bar.

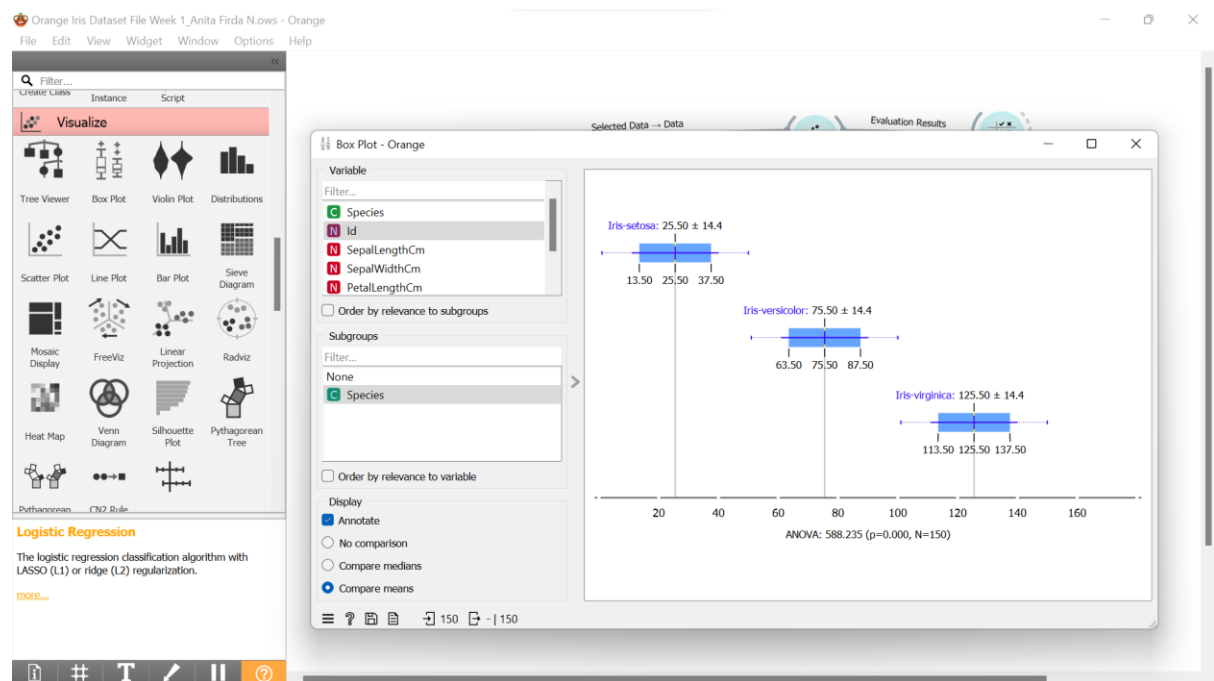
The screenshot displays the Orange 3.12.1 Desktop Edition interface. The top menu bar includes File, Edit, View, Widget, Window, Options, and Help. The main workspace contains two windows:

- Data Window:** Shows the 'Visualize' tab with various widget icons. The 'Data Info' section provides basic information about the data set, with a 'more...' link for additional details.
- Test and Score Window:** Displays the 'Evaluation Results' for the 'Logistic Regression' model. The 'Cross validation' section shows the 'Stratified' method with 10 folds and a training set size of 66%. The 'Evaluation results for target' table shows the following metrics:

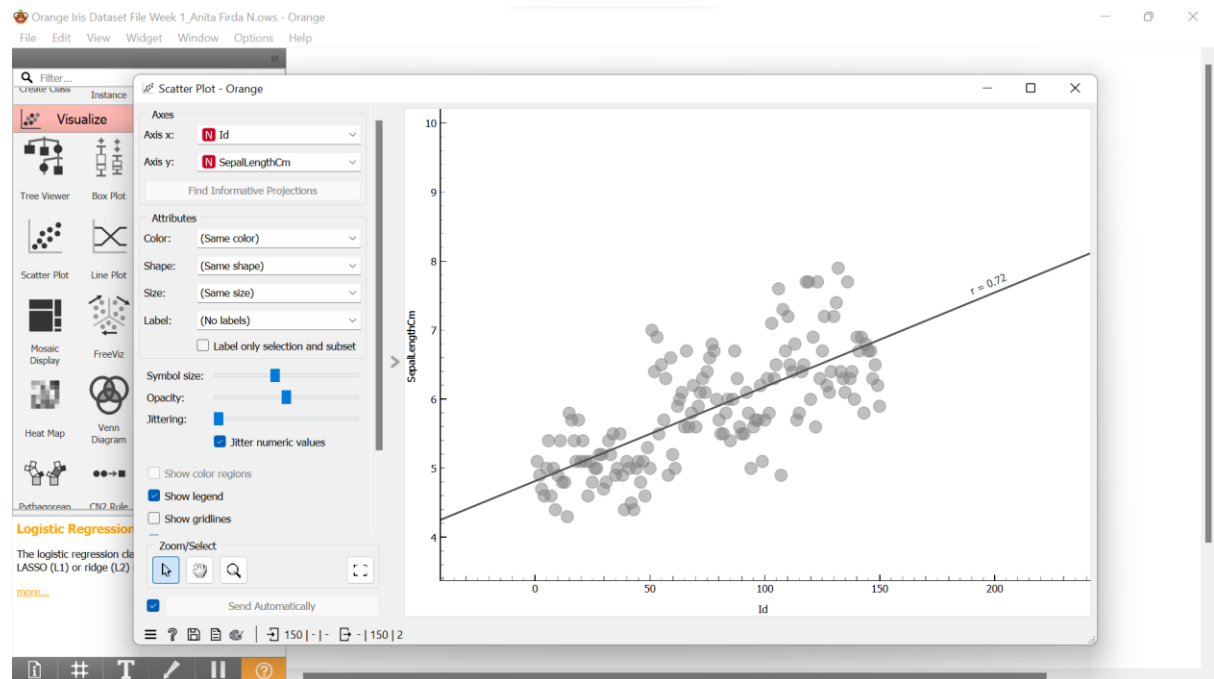
Model	AUC	CA	F1	Prec	Recall	MCC
Logistic Regression	1.000	1.000	1.000	1.000	1.000	1.000

The 'Compare models by' section shows 'Area under ROC curve' as the metric. The 'Negligible diff.' checkbox is checked, and the value is 0.1. The table shows probabilities that the score for the model in the row is higher than that of the model in the column. Small numbers show the probability that the difference is negligible.

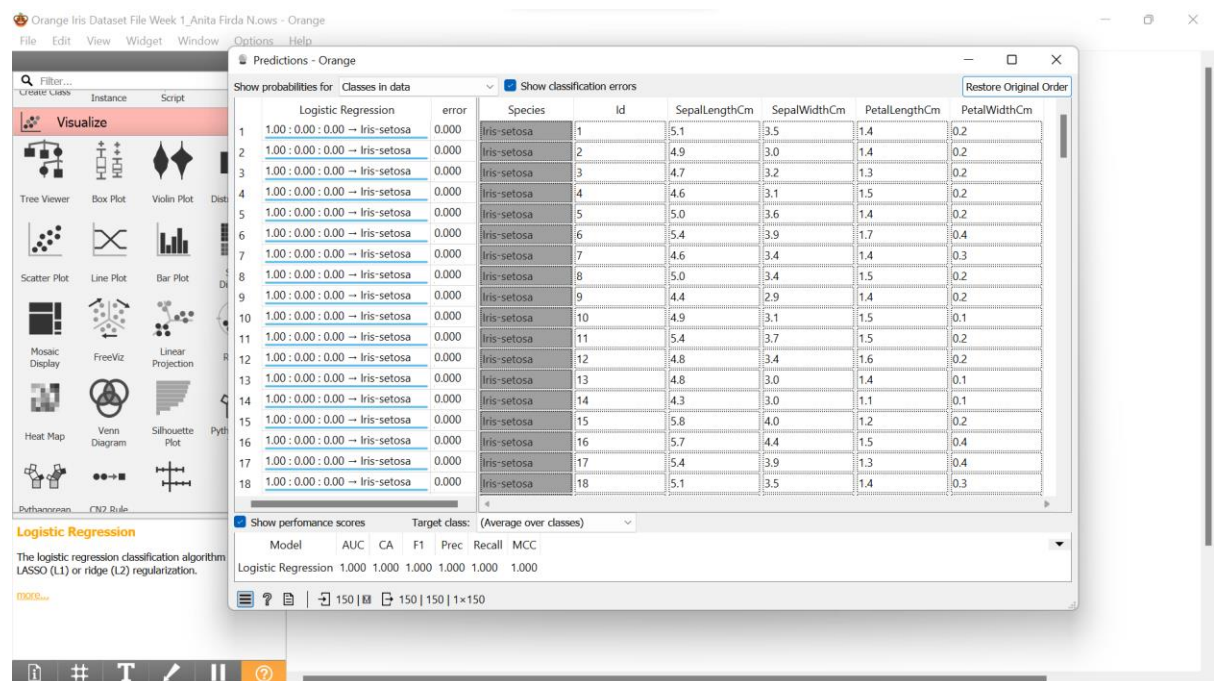
Box Plot



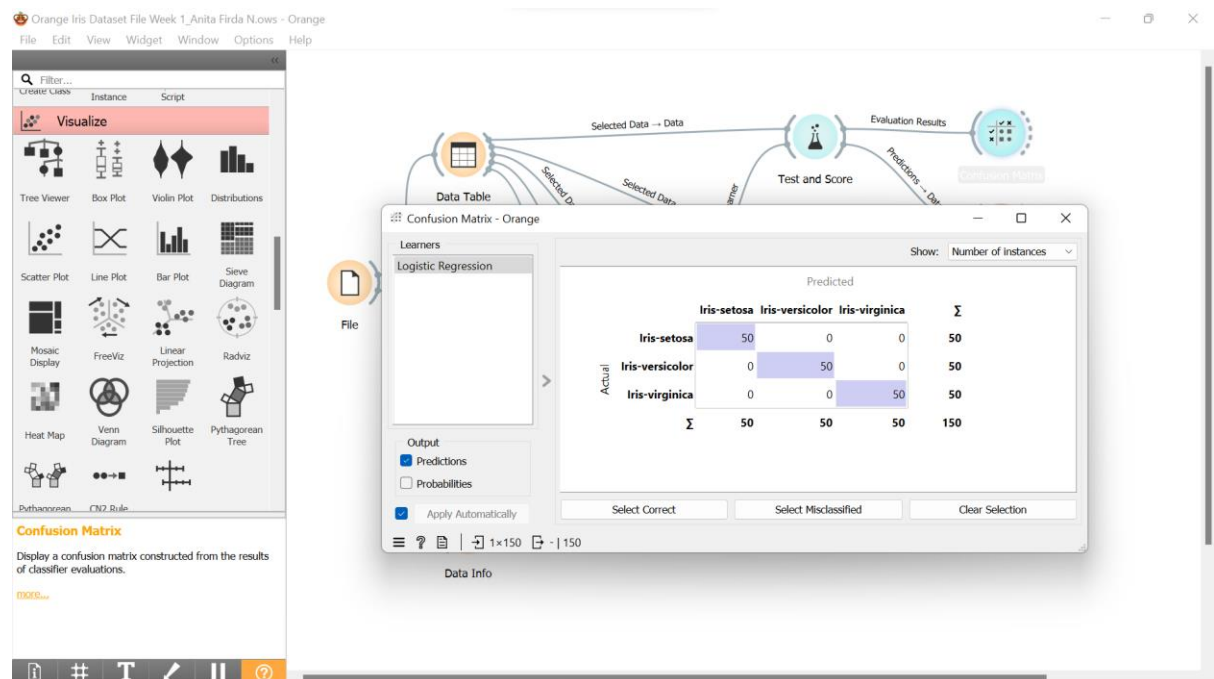
Scatter plot



Predictions



Confusion matrix



Scatter plot (1)

