

# Orange Task 3

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Task3[1].ows - Orange

File Edit View Widget Window Options Help

Filter...

**Data**

- File
- CSV File Import
- Datasets
- SQL Table
- Data Table
- Paint Data
- Data Info
- Rank
- Edit Domain
- Color
- Feature Statistics
- Save Data

**Transform**

- Data Sampler
- Select Columns
- Select Rows
- Transpose
- Merge Data
- Concatenate
- Select by Data Index
- Unique
- Aggregate
- Apply

**File - Orange**

Source

☒ File: Dataset\diabetes\_dataset.csv ☐ URL:

File Type

Automatically detect type

Info

768 instances  
9 features (no missing values)  
Data has no target variable.  
0 meta attributes

Columns (Double click to edit)

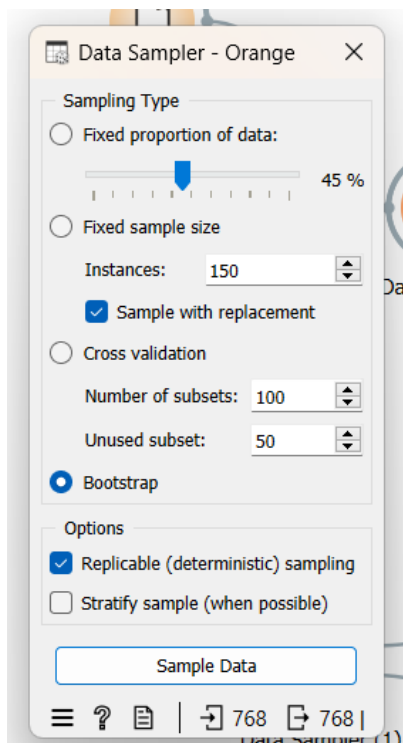
	Name	Type	Role	Values
3	BloodPressure	N numeric	feature	
4	SkinThickness	N numeric	feature	
5	Insulin	N numeric	feature	
6	BMI	N numeric	feature	
7	DiabetesPedigr...	N numeric	feature	
8	Age	N numeric	feature	
9	Outcome	C categorical	target	0, 1

Reset Apply

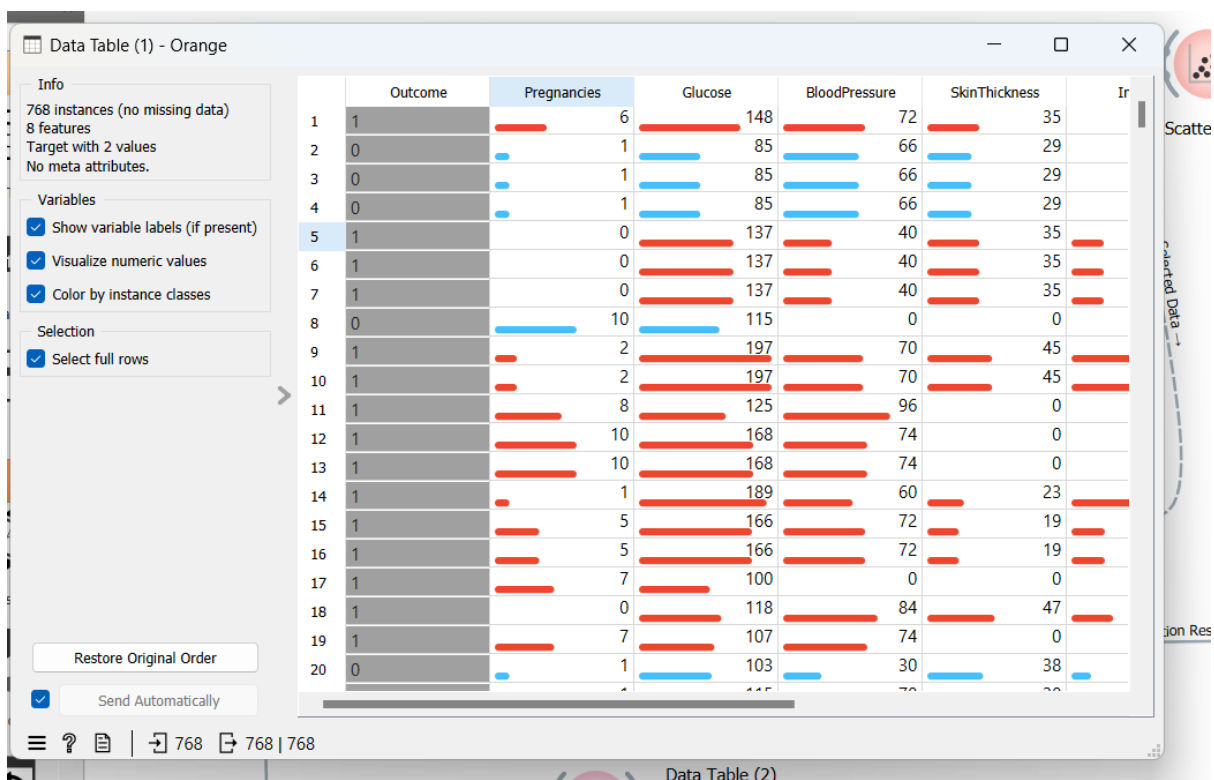
Browse documentation datasets

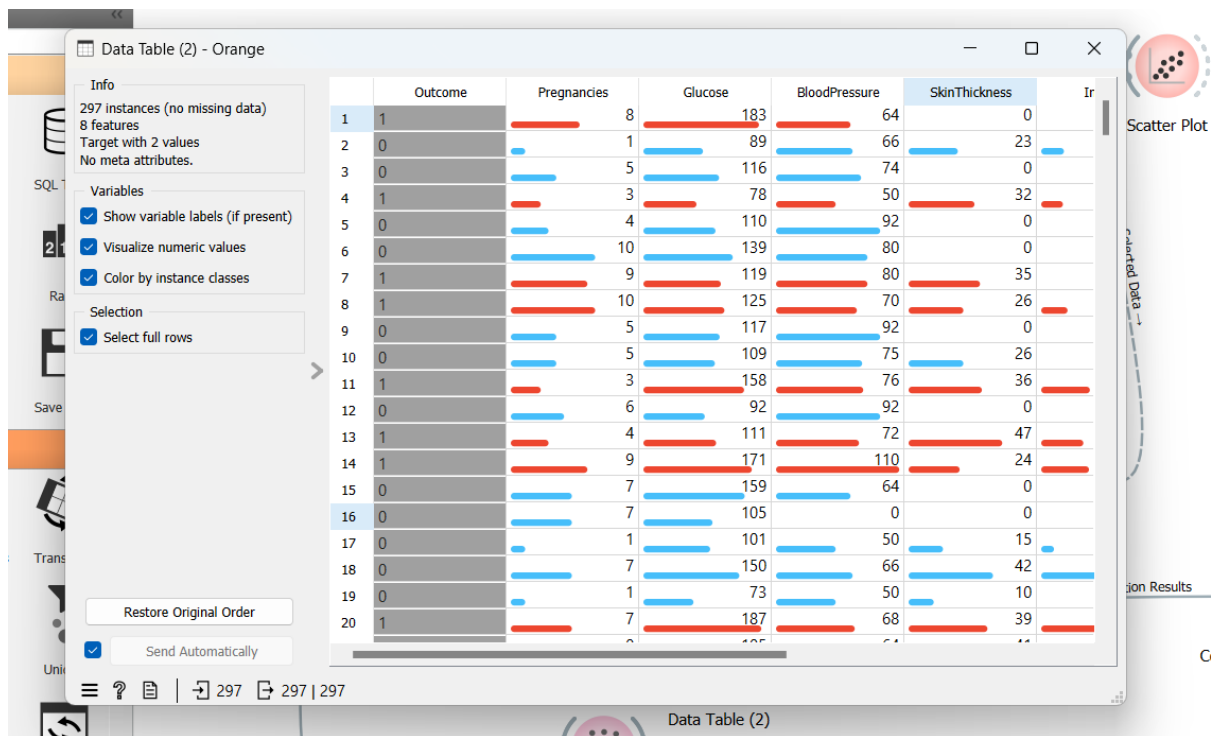
768

## Decesion Tree



## Data sampler utk Decesion Tree





**Tree - Orange**

Name  
Tree

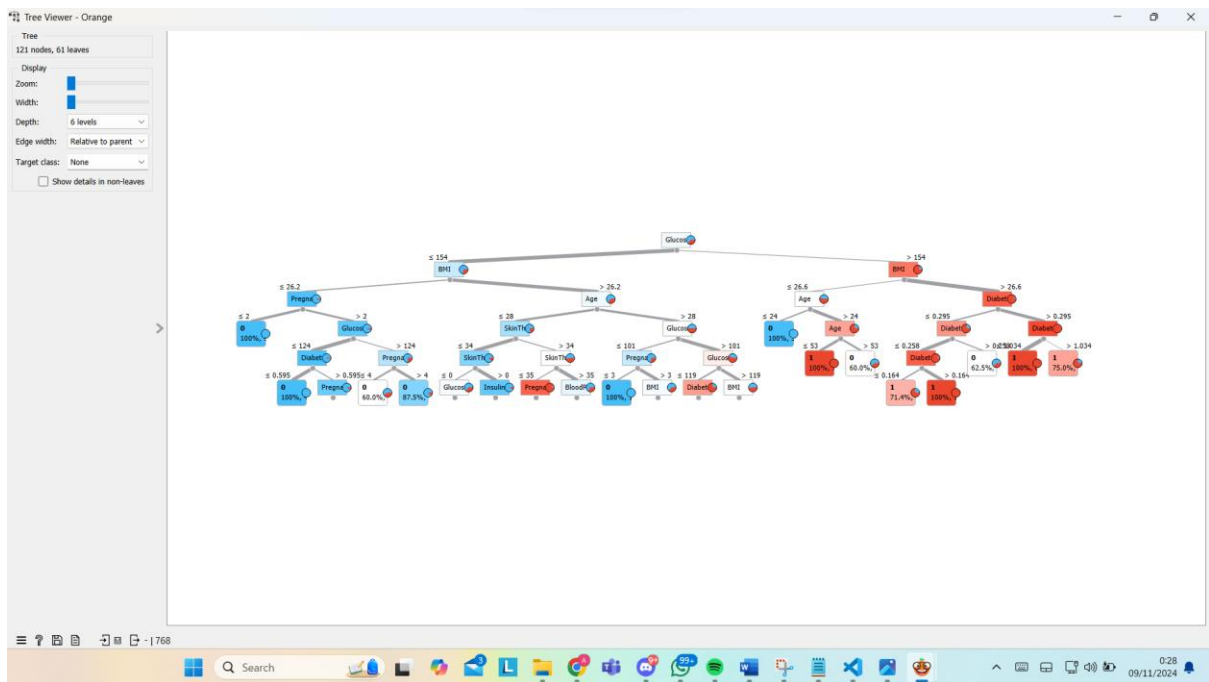
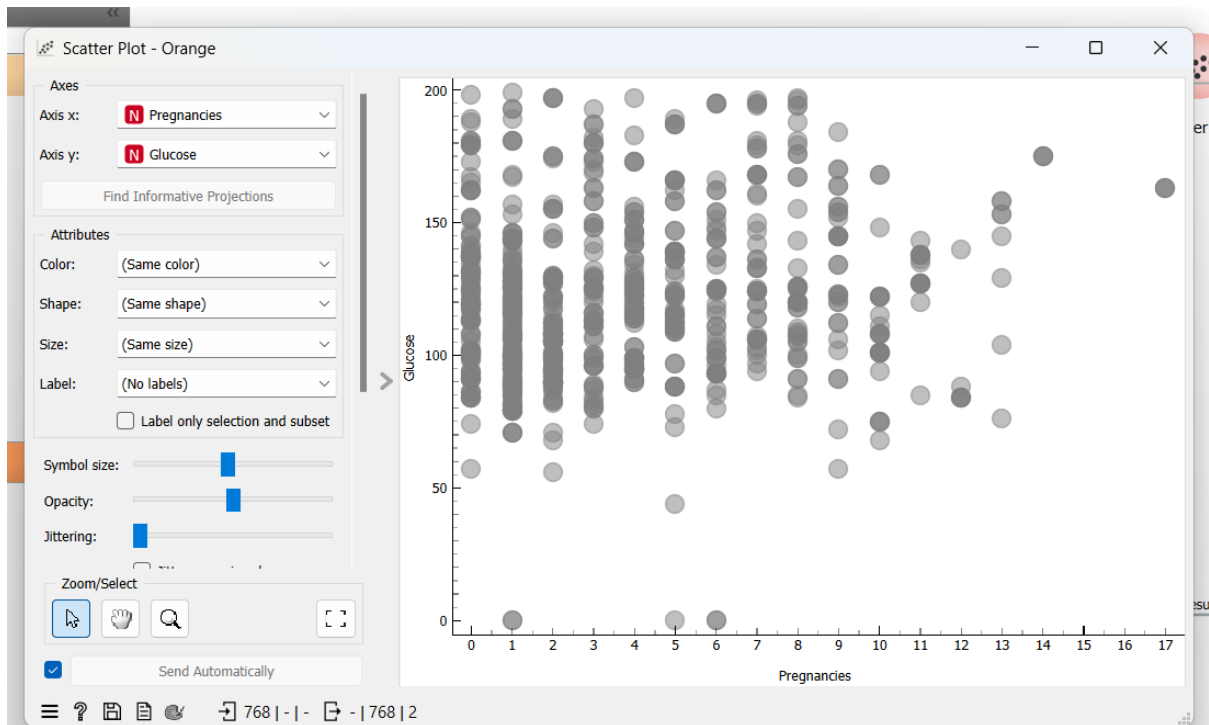
Parameters  
☒ Induce binary tree  
☒ Min. number of instances in leaves: 5  
☒ Do not split subsets smaller than: 10  
☒ Limit the maximal tree depth to: 100

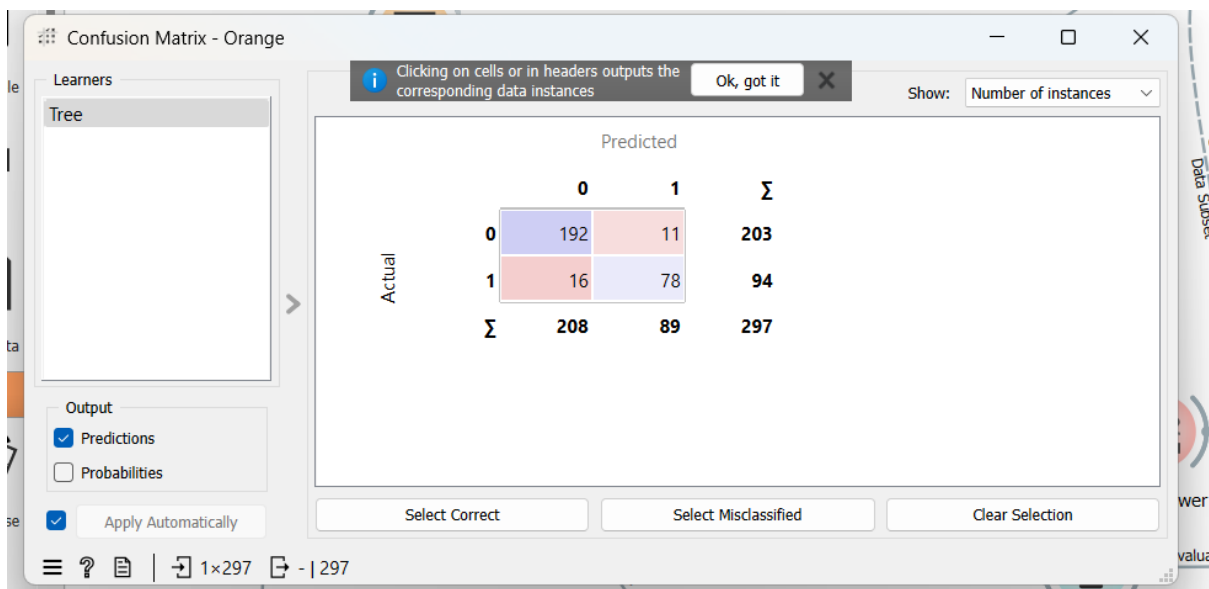
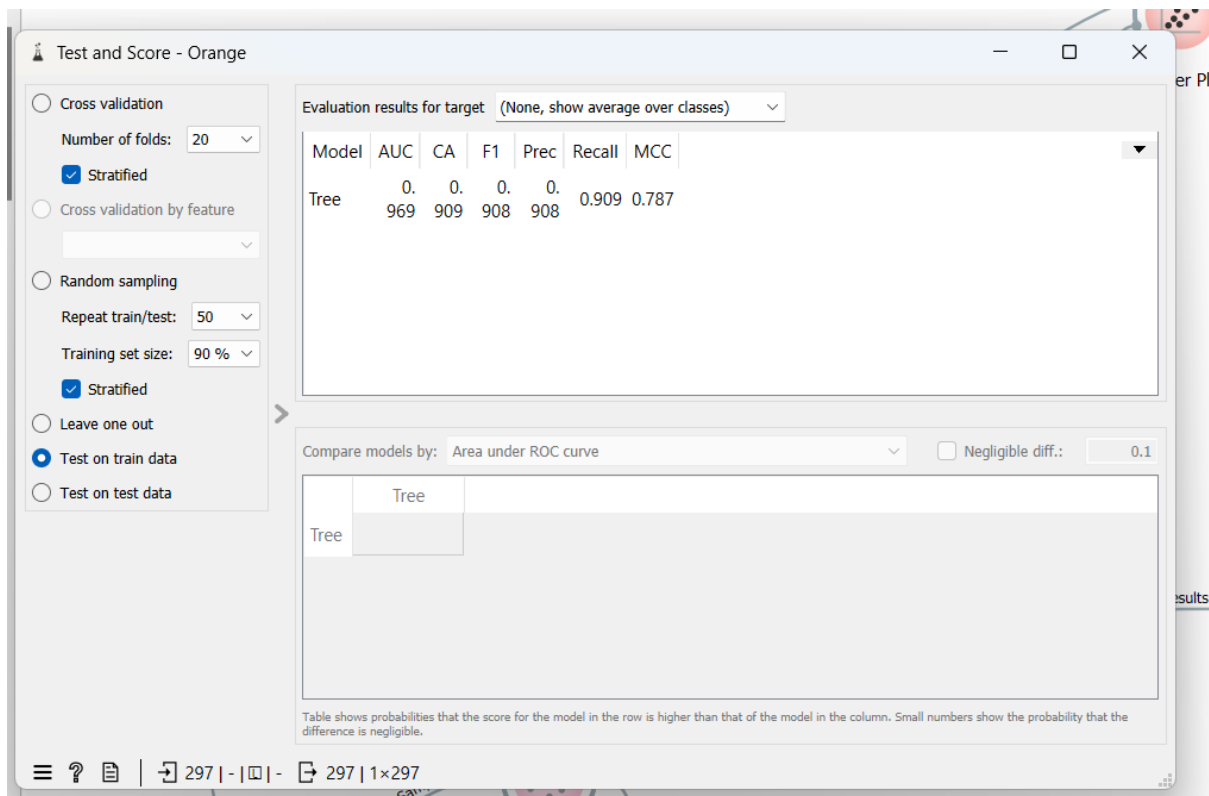
Classification  
☒ Stop when majority reaches [%]: 100

☒ Apply Automatically

768 | -

Paramaters Tree yang di pakai





K-NN

Data Sampler (1) - Oran... X

Sampling Type

☐ Fixed proportion of data:

95 %

☐ Fixed sample size

Instances: 80

☐ Sample with replacement

☐ Cross validation

Number of subsets: 100

Unused subset: 30

☒ Bootstrap

Options

☒ Replicable (deterministic) sampling

☒ Stratify sample (when possible)

Sample Data

768 768

kNN - Orange X

Name

kNN

Neighbors

Number of neighbors: 50

Metric: Euclidean

Weight: By Distances

☒ Apply Automatically

768

