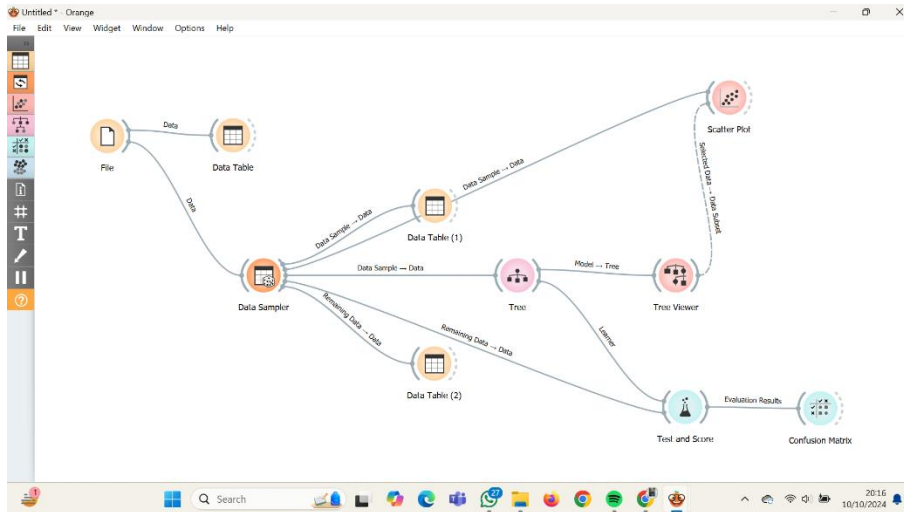


Nama : Ameliani Kusmayadi
NIM : 1103213044
Kelas : TK-45-06
Week 3 Orange Data



File - Orange

Source: Dataset\diabetes.csv

File Type: Automatically detect type

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

Name	Type	Role	Values
1 Pregnancies	numeric	feature	
2 Glucose	numeric	feature	
3 BloodPressure	numeric	feature	
4 SkinThickness	numeric	feature	
5 Insulin	numeric	feature	
6 BMI	numeric	feature	
7 DiabetesPedigree...	numeric	feature	
8 Age	numeric	feature	
9 Outcome	categorical	target	0, 1

Reset Apply

Browse documentation datasets

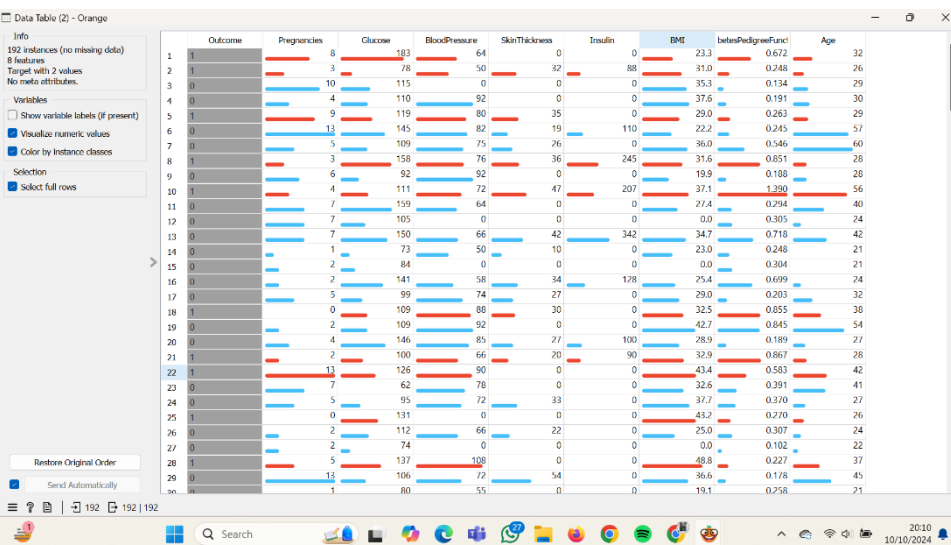
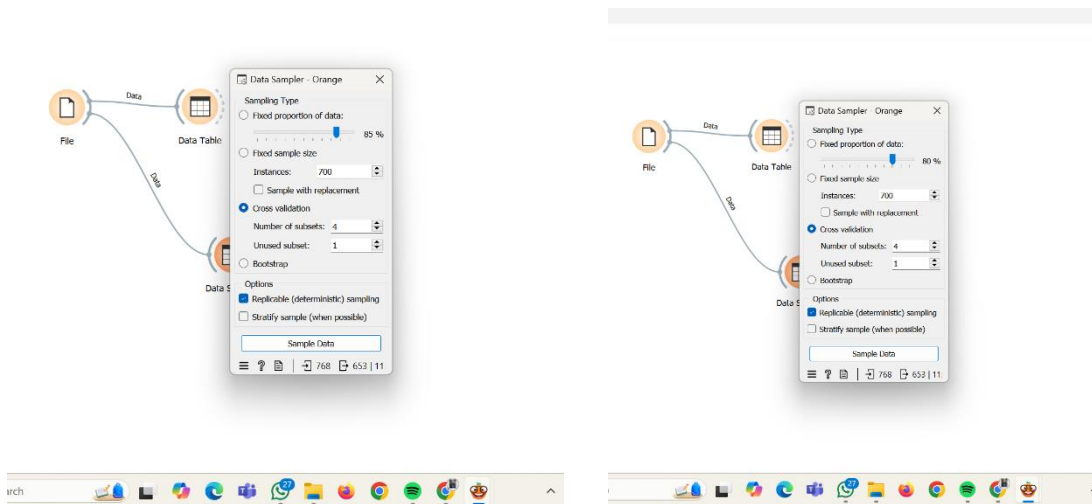
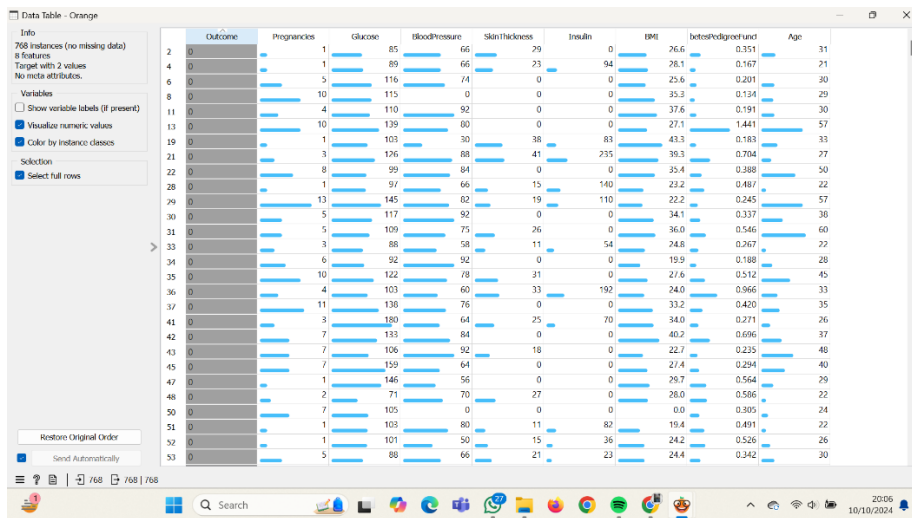
Data Table - Orange

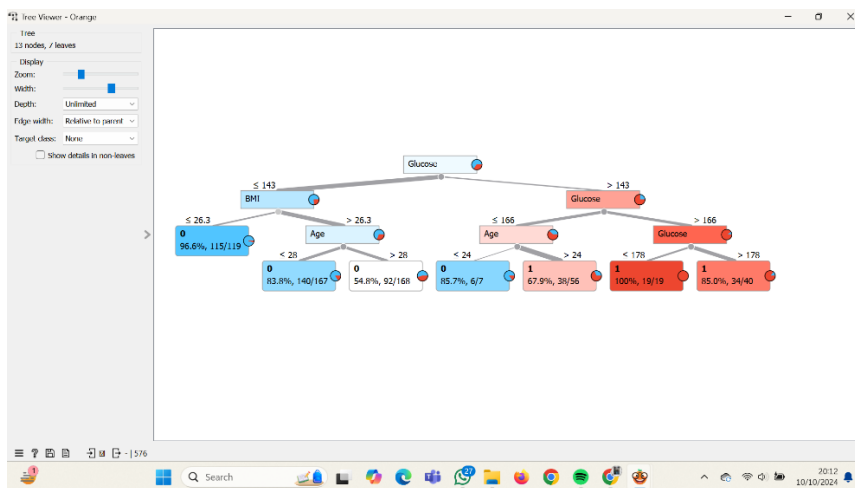
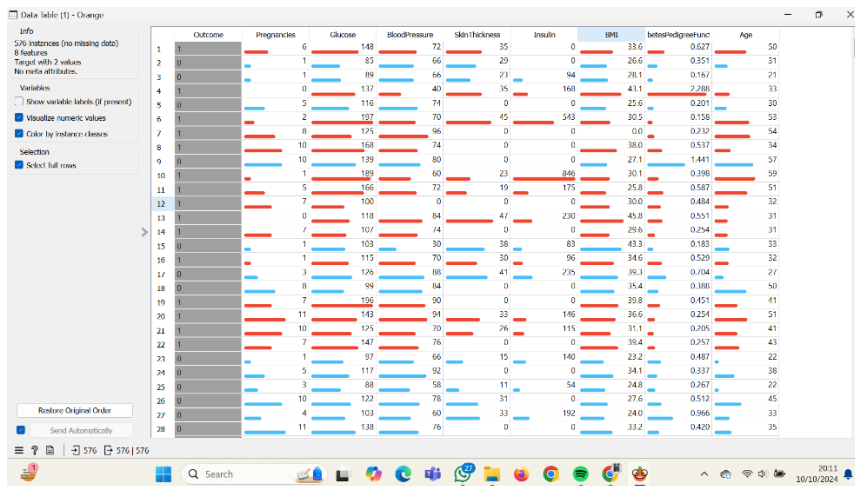
Info: All instances (no missing data), 8 features, Target with 2 values, No meta attributes

Variables: Show variable labels (if present), Visualize numeric values, Color by instance classes, Selection, Select full rows

	Outcome	Pregnancies	Glucose	BloodPressure	SkinThickness	Insulin	BMI	diabetesPedigreeFunc	Age
1	1	6	148	72	35	0	33.6	0.627	50
3	1	8	151	64	0	0	23.3	0.672	32
5	1	0	137	40	35	168	43.1	2.288	33
7	1	3	178	50	32	89	31.0	0.240	26
9	1	2	197	70	45	543	30.5	0.158	53
10	1	8	125	96	0	0	0.0	0.232	54
12	1	10	168	74	0	0	38.0	0.537	34
14	1	1	189	60	23	846	30.1	0.368	59
15	1	5	166	72	19	175	25.0	0.587	51
16	1	7	100	0	0	0	30.0	0.484	32
17	1	0	118	84	47	230	45.8	0.551	31
18	1	7	107	74	0	0	29.6	0.254	31
20	1	1	115	70	30	96	34.6	0.529	32
23	1	7	126	90	0	0	39.8	0.451	41
24	1	9	119	80	35	0	29.0	0.263	29
25	1	11	143	94	33	146	36.6	0.254	51
26	1	10	125	70	26	115	31.1	0.205	41
27	1	7	147	76	0	0	39.4	0.257	43
32	1	3	158	78	36	245	31.6	0.851	28
38	1	9	102	76	37	0	32.9	0.665	46
39	1	2	90	68	42	0	38.2	0.503	27
40	1	4	111	72	47	207	37.1	1.390	56
44	1	9	171	110	24	240	45.4	0.771	54
46	1	0	180	66	39	0	42.0	1.893	25
49	1	7	103	66	32	0	39.1	0.344	31
54	1	8	176	90	34	300	33.7	0.467	58
57	1	7	187	68	39	304	37.7	0.254	41
62	1	8	133	72	0	0	32.9	0.270	39

Restore Original Order Send Automatically





Test and Score - Orange

Cross validation

Number of folds: 5

Stratified

Cross validation by feature

Random sampling

Repeat train/test: 10

Training set size: 66 %

Stratified

Leave one out

Test on train data

Test on test data

Evaluation results for target (None, show average over classes)

Model	AUC	CA	F1	Prec	Recall	MCC
Tree	0.0	0.0	0.0	0.0	0.738	0.380

Confusion Matrix - Orange

Learners

Tree

		Predicted		Σ
		0	1	
Actual	0	353	24	377
	1	127	72	199
Σ		480	96	576

