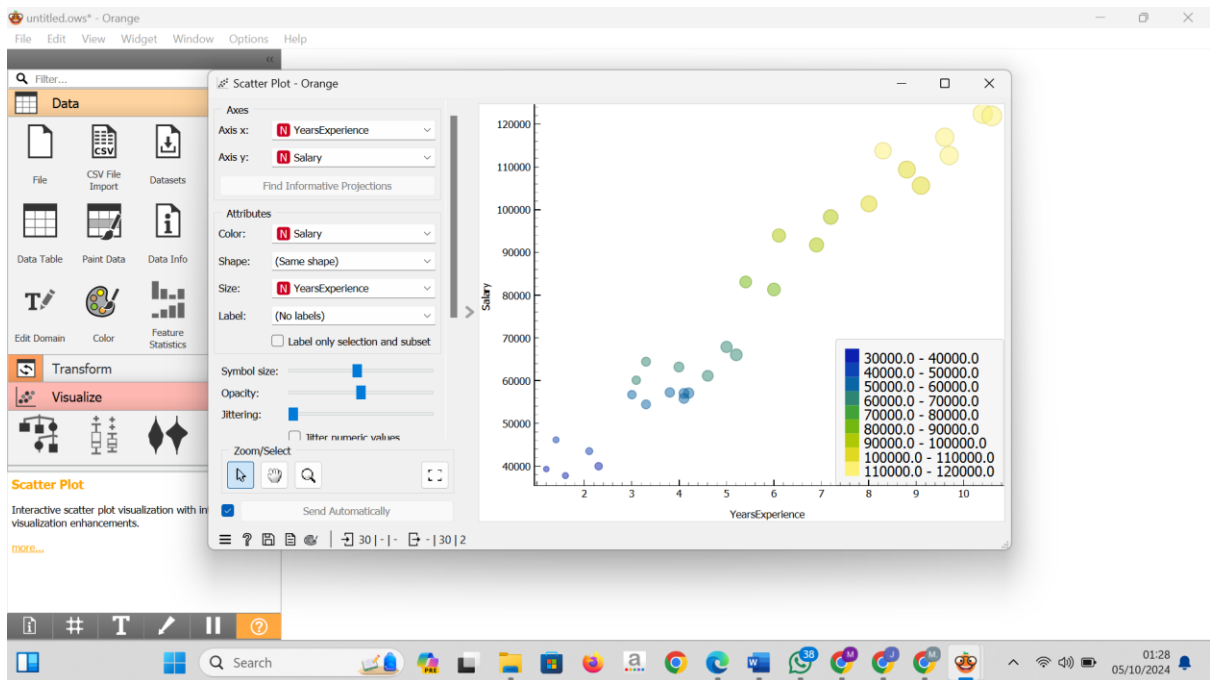
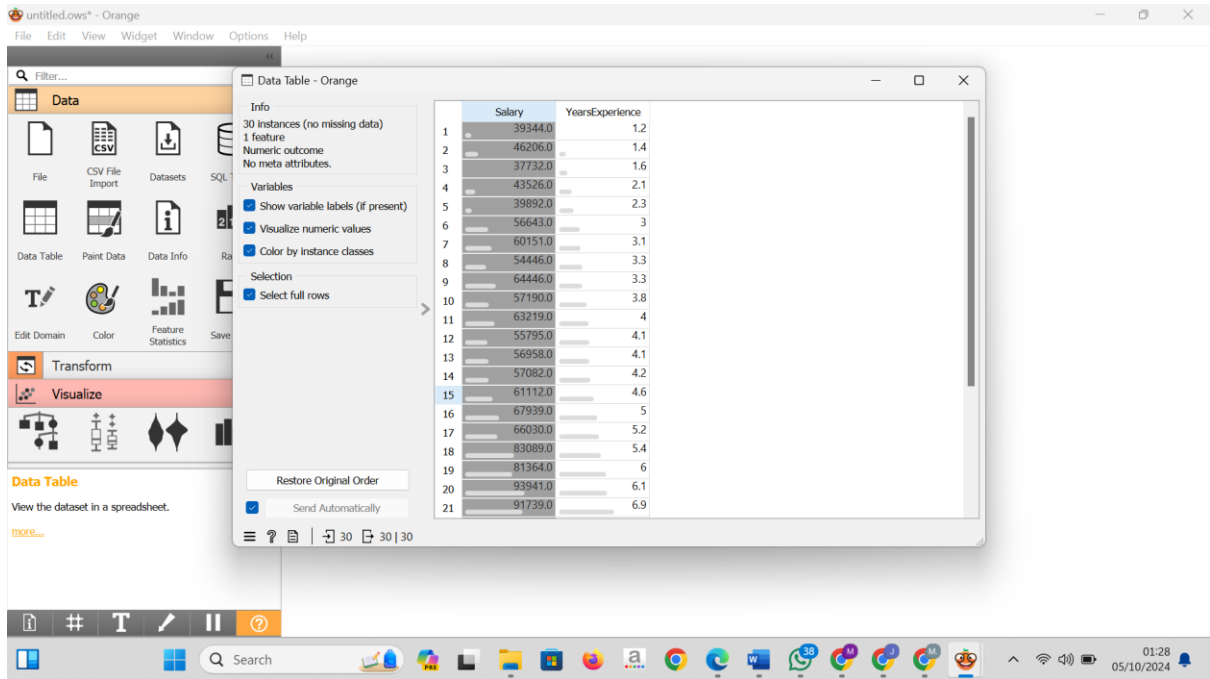
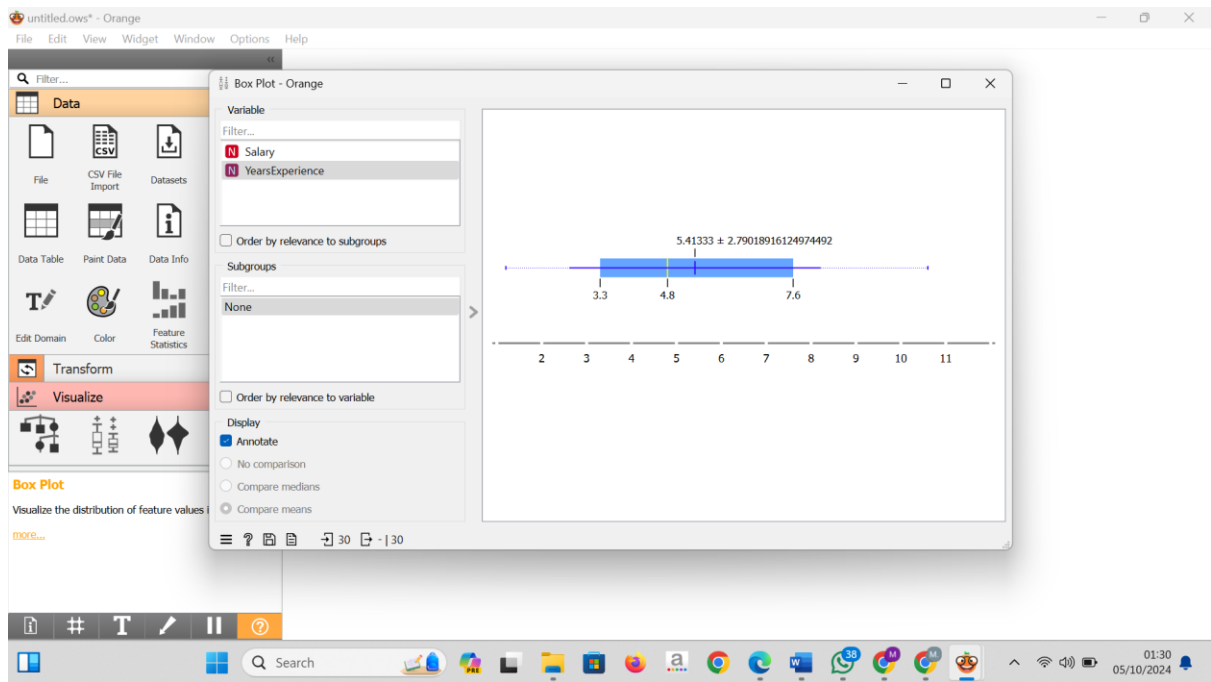


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The screenshot shows the Orange3 data mining software interface. On the left, the 'Data' widget is selected, displaying a table with 3 instances and 3 features. The 'Columns' section shows 'Salary' as a numeric target variable. The 'File' widget is highlighted in the left sidebar. The main window shows the 'File' widget configuration, where 'Desktop\Salary_dataset.csv' is loaded. The 'File Type' is set to 'Automatically detect type'. The 'Info' section shows 30 instances, 3 features, and 0 meta attributes. The 'Columns' section shows 'Salary' as a numeric target variable. The 'File' widget is highlighted in the left sidebar.





untitled.ows* - Orange

File Edit View Widget Window Options Help

Filter...

Data

File CSV File Import Datasets

Data Table Paint Data Data Info

Edit Domain Color Feature Statistics

Transform

Visualize

Feature Statistics

Show basic statistics for data features.

more...

Feature Statistics - Orange

	Name	tribut	Mean	Mode	Median	Dispersion	Min.	Max.	Missing
N	YearsExperience		5.41333	3.3	4.8	0.515429	1.2	10.6	0.0
N	Salary		76004.0	37732.0	65238.0	0.355	37732.0	122392.0	0.0

Color: None

☒ Send Automatically

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The Feature Statistics table provides a summary of the data features. It includes columns for Name, tribut, Mean, Mode, Median, Dispersion, Min., Max., and Missing. The table shows statistics for 'YearsExperience' and 'Salary'. The 'YearsExperience' row has a mean of 5.41333, a mode of 3.3, a median of 4.8, a dispersion of 0.515429, a minimum of 1.2, a maximum of 10.6, and 0.0 missing values. The 'Salary' row has a mean of 76004.0, a mode of 37732.0, a median of 65238.0, a dispersion of 0.355, a minimum of 37732.0, a maximum of 122392.0, and 0.0 missing values. The table also includes a 'tribut' column with histograms for each feature.

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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

Visualize

Predictions

Display predictions of models for an input dataset.

more...

Predictions - Orange

Shown regression error: Difference

Restore Original Order

	Linear Regression	error	Salary	YearsExperience
14	64126.0	7044.0	57082.0	4.2
15	63175.2	7380.2	55795.0	4.1
16	100256.5	-1046.5	101303.0	8
17	37503.5	-8702.5	46206.0	1.4
18	39405.1	1673.1	37732.0	1.6
19	110715.3	5132.3	105583.0	9.1
20	44159.1	633.1	43526.0	2.1
21	92650.0	-5624.0	98274.0	7.2
22	115469.3	-1500.7	116970.0	9.6

Show performance scores

Model	MSE	RMSE	MAE	MAPE	R2
Linear Regression	31826116.273	5641.464	4840.583	0.076	0.961

22 | 1x22

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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

Visualize

Test and Score

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

Model	MSE	RMSE	MAE	MAPE	R2
Linear Regression	42...	6539...	564...	0.087	0.948

Compare models by: Mean square error

Negligible diff.: 0.1

Linear Re...

Linear Regression

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.

22 | 1x22

Stratification is ignored for regression

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