



Open in Turbo Prep Auto Model Interactive Analysis

Filter (5,403 / 5,403 examples): all

Row No.	price	prediction(p...	bedrooms	bathrooms	sqft_living	sqft_lot	floors	waterfront	view
1	221900	340841.084	3	1	1180	5650	1	0	0
2	1225000	554929.226	4	4.500	5420	101930	1	0	0
3	257500	312604.364	3	2.250	1715	6819	2	0	0
4	229500	337978.092	3	1	1780	7470	1	0	0
5	662500	644451.274	3	2.500	3560	9796	1	0	0
6	310000	310276.219	3	1	1430	19901	1.500	0	0
7	252700	335757.662	2	1.500	1070	9643	1	0	0
8	329000	363681.555	3	2.250	2450	6500	2	0	0
9	233000	554301.719	3	2	1710	4697	1.500	0	0
10	937000	692090.576	3	1.750	2450	2691	2	0	0
11	535000	526606.494	3	1	1090	3000	1.500	0	0
12	685000	389727.457	3	1	1570	2280	2	0	0
13	309000	381003.581	3	1	1280	9656	1	0	0
14	600000	417383.757	3	1.750	1410	4080	1	0	0
15	292500	451407.266	4	2.500	2250	4495	2	0	0
16	301000	419004.307	3	2.500	2420	4750	2	0	0

ExampleSet (5,403 examples,2 special attributes,17 regular attributes)

Repository

Import Data

- Training Resources (connected)
- Community Samples (connected)
- Samples
- Local Repository (Local)
  - Connections
  - data
    - house\_data ( 4/14/24 12:...
  - processes
    - house\_data ( 6/9/24 11:44 P...
    - iris ( 4/28/24 9:09 PM - 5 kB)
- DB (Legacy)

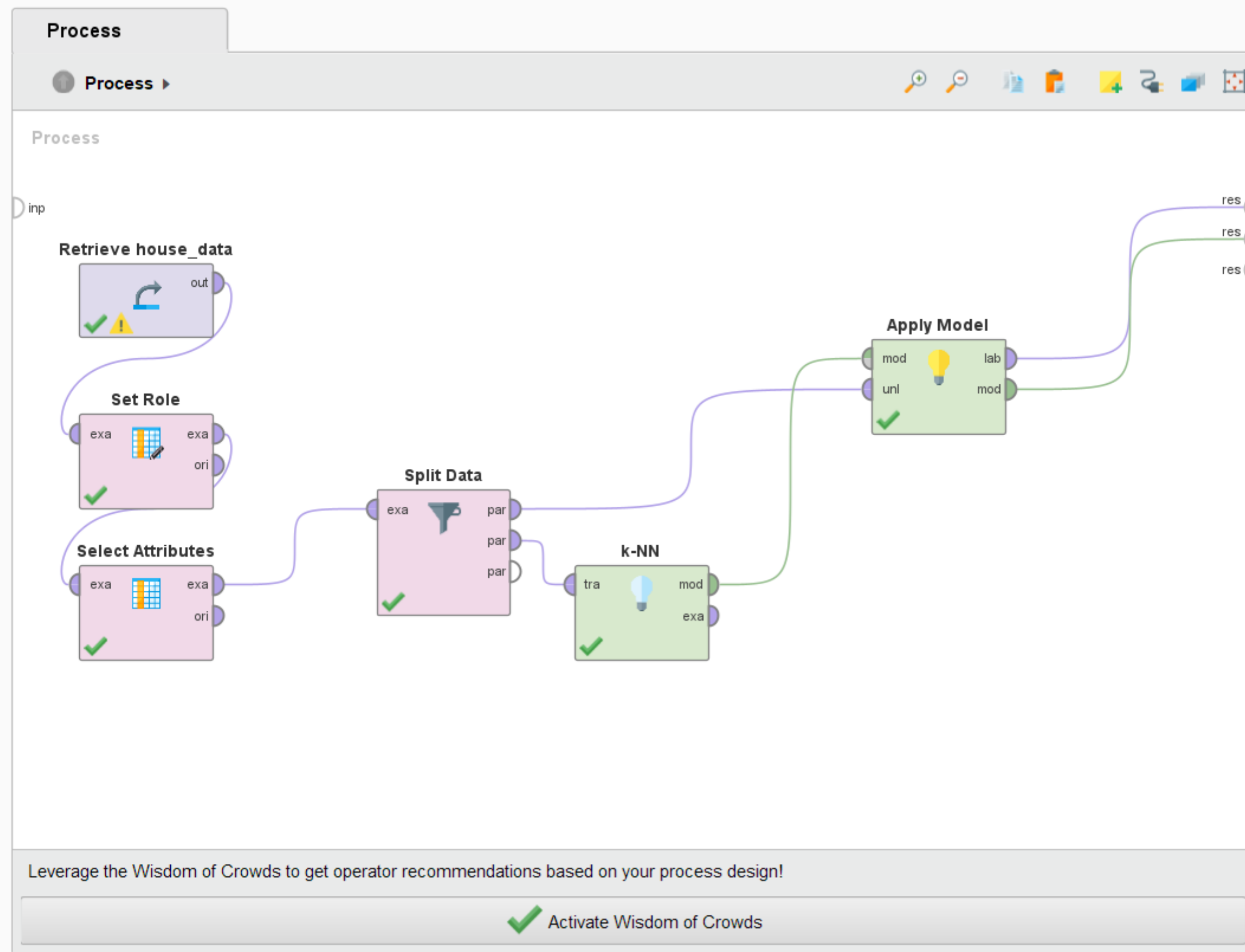


Search




11:53 PM 6/9/2024

The screenshot shows the Orange3 Operators panel. At the top, there is a search bar containing the text "split". Below the search bar, a list of operators is displayed. The operators are organized into folders: "Blending (2)", "Examples (1)", "Sampling (1)", "Values (1)", and "Validation (3)". The "Split Data" operator, located under the "Sampling (1)" folder, is highlighted with a blue background. Below it, the "Split" operator is also visible. At the bottom of the panel, a message states "No results were found.".



Parameters

×

 Process


logverbosity

init

▼


ⓘ

logfile



ⓘ

resultfile



ⓘ

random seed

2001

ⓘ

send mail

never

▼


ⓘ


encoding

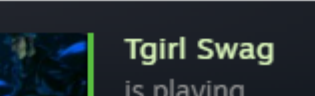
SYSTEM

▼

ⓘ

 [Hide advanced parameters](#)

 [Change command](#)



The screenshot shows the Orange3 Operators panel. The search bar at the top contains the text "linear regress". Below the search bar, a tree view displays the following structure:

- Modeling (4)
  - Predictive (4)
    - Functions (3)
      - Generalized Linear Model
      - Linear Regression** (highlighted in blue)
      - Vector Linear Regression
    - Support Vector Machines
      - Support Vector Machine


At the bottom of the panel, a message states: "No results were found." This message appears to be a placeholder or a result of a search that did not match the current selection.

The screenshot displays the Orange3 data mining software interface. At the top, a 'Process' tab is active. Below the toolbar, the main workspace shows a workflow for predicting house prices. The workflow consists of the following steps:


- Retrieve house\_data**: The initial data source, represented by a purple box with a yellow warning icon.
- Set Role**: A pink box used to assign roles to variables (exa, ori).
- Select Attributes**: A pink box used to select specific features (exa, ori).
- Split Data**: A pink box that divides the data into training and testing sets (exa, par).
- Linear Regression**: A green box that builds a linear regression model (tra, mod, exa, wei).
- Apply Model**: A green box with an orange border that applies the trained model to new data (mod, unl, lab, mod).


Connections between the nodes are shown as purple lines. The 'Apply Model' node produces three output results, labeled 'res' on the right. At the bottom of the interface, a banner encourages users to 'Leverage the Wisdom of Crowds to get operator recommendations based on your process design!' with a green checkmark icon and the text 'Activate Wisdom of Crowds'.


Parameters


 **Apply Model**

*application parameters*

 Edit List (0)...



 [Hide advanced parameters](#)

 [Change compatibility \(10.3.001\)](#)



Screenshots

<new process\*> - RapidMiner Studio Altair Student 10.3.001 @ the-holodeck

File Edit Process View Connections Settings Extensions Help

New

Views: Design Results Turbo Prep Auto Model Interactive Analysis

Find data, operators...etc

All Studio

Result History

LinearRegression (Linear Regression)

ExampleSet (Apply Model)

Data

Description

Annotations

Attribute	Coefficient	Std. Error	Std. Coefficient	Tolerance	t-Stat	p-Value	Code
bedrooms	-31053.620	2154.480	-0.080	0.815	-14.414	0	****
bathrooms	41700.681	3627.480	0.088	0.641	11.496	0	****
sqft_living	-51.897	62094715.825	-0.131	0.294	-0.000	1.000	
sqft_lot	0.114	0.055	0.013	0.990	2.077	0.038	**
waterfront	620323.685	20211.370	0.145	0.967	30.692	0	****
view	48092.803	2423.073	0.102	0.847	19.848	0	****
condition	28843.359	2702.948	0.051	1.000	10.671	0	****
grade	99730.417	2464.429	0.321	0.506	40.468	0	****
sqft_above	225.834	62094715.825	0.513	0.474	0.000	1.000	
sqft_basement	193.058	62094715.825	0.234	0.845	0.000	1.000	
yr_built	-2429.636	81.341	-0.196	0.969	-29.870	0	****
yr_renovated	19.101	4.205	0.021	0.984	4.543	0.000	****
lat	562799.392	11998.231	0.214	0.980	46.907	0	****
long	-119445.909	13610.654	-0.046	0.995	-8.776	0	****
sqft_living15	25.731	3.930	0.048	0.536	6.548	0.000	****
sqft_lot15	-0.347	0.084	-0.026	0.987	-4.125	0.000	****
							****

Repository

Import Data

Training Resources (connected)

Community Samples (connecte

Samples

Local Repository (Local)

Connections

data

house\_data ( 4/14/24 12:)

processes

house\_data ( 6/9/24 11:44 P)

iris ( 4/28/24 9:09 PM - 5 kB)

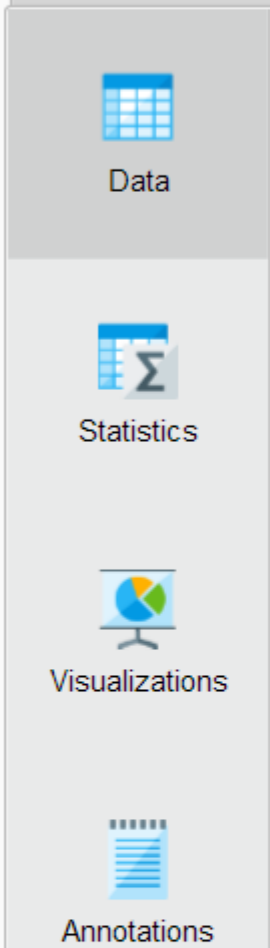
DB (Legacy)

136 items

Search

11:53 PM

6/9/2024



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7	252700	121105.567	2	1.500	1070	9643	1	0	0
8	329000	527631.872	3	2.250	2450	6500	2	0	0
9	233000	261823.253	3	2	1710	4697	1.500	0	0
10	937000	785884.899	3	1.750	2450	2691	2	0	0
11	535000	560550.583	3	1	1090	3000	1.500	0	0
12	685000	505392.743	3	1	1570	2280	2	0	0
13	309000	143808.770	3	1	1280	9656	1	0	0
14	600000	476163.915	3	1.750	1410	4080	1	0	0
15	292500	278434.245	4	2.500	2250	4495	2	0	0
16	301000	463155.393	3	2.500	2420	4750	2	0	0

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