

Design

The screenshot displays the RapidMiner Studio interface with a workflow for K-Means clustering. The main canvas shows a process flow: 'Retrieve house_price...' (purple box) connects to 'Select Attributes' (pink box), which then connects to 'Clustering' (green box). The 'Clustering' operator is configured with 'add cluster attribute' checked and 'k' set to 3. The 'Repository' panel on the left shows the data source 'house_price_label (1)'. The 'Parameters' panel on the right shows the 'Clustering (k-Means)' settings, including 'add cluster attribute' checked and 'k' set to 3. The 'Help' panel on the right provides a synopsis of the K-Means operator.

Repository

- my first repository (negit)
 - Data (negin)
 - Iris (negin - v1, 1/24/20 2:55 PM -)
 - attributes_gender_voice (negin)
 - birthwt (negin - v1, 1/23/20 10:34 PM -)
 - low birth weight (negin - v1, 1/23/20 10:34 PM -)
 - raw-customer-churn-data (negin)
 - house_price (negin - v1, 1/24/20 2:55 PM -)
 - house_price_label (1) (negin - v1, 1/24/20 2:55 PM -)

Operators

- Predictive (1)
 - Lazy (1)
 - k-NN
- Segmentation (4)
 - k-Means
 - k-Means (Kernel)
 - k-Means (fast)
 - k-Medoids

Process

Process

100%

inp

Retrieve house_price... out

Select Attributes exa ori

Clustering exa clu clu

res res res

Parameters

Clustering (k-Means)

- ☒ add cluster attribute
- ☐ add as label
- ☐ remove unlabeled
- k: 3
- max runs: 10
- ☐ determine good start values
- measure types: BregmanDiverg...
- [Hide advanced parameters](#)

Help

K-Means

RapidMiner Studio Core

Synopsis

This operator performs clustering using the *k-means* algorithm. Clustering is concerned with grouping objects together that are similar to each other and dissimilar to the

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