

Design

The screenshot displays the RapidMiner Studio environment. The main workspace shows a workflow diagram with three operators: 'k-NN' (Training), 'Apply Model' (Testing), and 'Performance'. The 'k-NN' operator is connected to the 'Apply Model' operator, which is then connected to the 'Performance' operator. The 'Parameters' panel on the right is open, showing the configuration for the 'Validation (X-Validation)' operator. The 'average performances only' checkbox is checked, 'number of validations' is set to 10, and 'sampling type' is set to 'automatic'. The 'Help' panel on the right provides a synopsis of the X-Validation operator, stating that it performs a cross-validation to estimate the statistical performance of a learning operator on unseen data sets.