

XLMiner™ SDK Platform vs. Pro

The table below gives the data handling limits for each XLMiner SDK major feature. "Unlimited" indicates that no limit is imposed by XLMiner SDK, but other limits may apply based on your computer resources

Feature	Platform	Pro
Partitioning		
# of Records (original data)	Unlimited	500,000
# of Records (training partition)	Unlimited	10,000
# of Variables	Unlimited	200
Sampling		
# of Records	Unlimited	500,000
# of Variables	Unlimited	200
# of Strata (Stratified Sampling)	Unlimited	30
Text Mining		
# Documents	Unlimited	N/A
# Characters (per document)	Unlimited	N/A
# Terms in final vocabulary	Unlimited	N/A
# Text columns	Unlimited	N/A
Time Series Analysis		
# of Records	Unlimited	10,000
Classification and Prediction		
Common		
# of Records (training partition)	Unlimited	10,000
# of Variables (input variables)	Unlimited	100
# of Distinct classes (output variable)	Unlimited	2
K-Nearest Neighbors		
# of Nearest neighbors	50	20
Regression/Classification Trees		
# of Splits	Unlimited	2,000
# of Nodes	Unlimited	5,000
# of Levels	Unlimited	1,000
# of Distinct values (categorical input variables)	15	15
Ensemble Methods		
# Weak learners	Unlimited	50
Association Rules		
# of Transactions	Unlimited	500,000
# of Distinct items	5,000	5,000
Unsupervised/Transformation		
Common		
# of Records	Unlimited	10,000
# of Variables	Unlimited	200
Transforming Categorical Data		
# of Records	Unlimited	500,000
# of Variables	Unlimited	30

# of Distinct values	Unlimited	30
Binning Continuous Data		
# of Records	Unlimited	500,000
Missing Data Handling		
# of Records	Unlimited	500,000
# of Variables	Unlimited	200
K-Means		
# of Clusters	Unlimited	20
# of Iterations	Unlimited	50
Hierarchical		
# of Records	Unlimited	4,000
# of Clusters in a Dendrogram	Unlimited	30
Size of distance matrix	Unlimited	4,000 x 4,000
General		
Big Data sampling/summarization	Included	Included