

Data Mining Capabilities	Analytic Solver Data Mining	Basic License for Solver Academy
Platform	Windows	Windows
<b>Partitioning</b>		
# of Records (Original Data)	Unlimited	65,000
# of Records (Training Data)	Unlimited	10,000
# of Variables (Original Data)	Unlimited	Unlimited
# Variables (Output)	Unlimited	50
<b>Sampling from Worksheet</b>		
# of Records (Original Data)	Unlimited	65,000
# of Records (Output)	Unlimited	65,000
# of Variables (Original Data)	Unlimited	Unlimited
# Variables (Output)	Unlimited	50
# of Strata (Stratified Sampling)	Unlimited	30
<b>Sampling from Database</b>		
# of Records (Table)	Unlimited	1,000,000
# of Records (Output)	Unlimited	65,000
# of Variables (Table)	Unlimited	Unlimited
# of Variables (Output)	Unlimited	50
# of Strata (Stratified Sampling)	Unlimited	30
<b>Sampling from File System</b>		
# of Files	Unlimited	100
<b>Text Mining</b>		
# Documents	Unlimited	100
# Characters (per Document)	Unlimited	5,000
# Terms in Final Vocabulary	Unlimited	50
# Text Columns	Unlimited	1
<b>Transformation: Handling Missing Values</b>		
# of Rows	Unlimited	65,000
# of Variables	Unlimited	50
# of Missing Values	Unlimited	65,000
<b>Transformation: Binning Continuous Data</b>		
# of Records	Unlimited	65,000
# of Variables (Data Range)	Unlimited	50
<b>Transforming Categorical Data</b>		
# of Records	Unlimited	65,000
# of Variables (Data Range)	Unlimited	50
# of Distinct Values	Unlimited	30
# of Variables (Output)	Unlimited	30
<b>Time Series Analysis</b>		
# of Records	Unlimited	1,000
<b>Classification and Prediction: Common</b>		
# of Records (Total)	Unlimited	65,000
# of Records (Training Partition)	Unlimited	10,000
# of Records (New Data for Scoring)	Unlimited	10,000
# of Variables (Data Range)	Unlimited	50
# of Variables (Input Variables)	Unlimited	50
# of Distinct Classes (Output Variable)	Unlimited	30
# of Distinct Values (Categorical Input Variables)	Unlimited	100
<b>Classification and Prediction: k-Nearest Neighbors</b>		
k-Nearest Neighbors	50	10
<b>Classification and Prediction: Regression/Classification Trees</b>		
# of Splits	Unlimited	100
# of Nodes	Unlimited	100
# of Levels	Unlimited	100
# Levels in Tree Drawing	Unlimited	7
<b>Classification and Prediction: Ensemble Methods</b>		
# Weak Learners	Unlimited	10
<b>Feature Selection</b>		
# of Records	Unlimited	10,000
# of Variables	Unlimited	50
# of Distinct Classes (Output Variable)	Unlimited	30
# of Distinct Values (Input Variables)	Unlimited	100
<b>Association Rules</b>		
# of Transactions	Unlimited	65,000
# of Distinct Items	5,000	100
# of Items in a Transaction	Unlimited	50
# of Rules	Unlimited	65,000
<b>Clustering: k-Means</b>		
# of Records	Unlimited	10,000
# of Variables	Unlimited	50
# of Clusters	Unlimited	10
# of Iterations	Unlimited	10
<b>Clustering: Hierarchical</b>		
# Records	Unlimited	1000
# of Variables	Unlimited	50
# of Clusters in a Dendrogram	Unlimited	10
Size of Distance Matrix	Unlimited	1,000 x 1,000
<b>Charts</b>		
# of Records	Unlimited	65,000
# of Variables (Original Data)	Unlimited	50
<b>General</b>		
Model Pane	Included	Included
Big Data Sampling/Summarization	Included	
Model Storage and Scoring	Included	Included