

Frontline Solvers Tools for Excel Comparison Chart
 (We also have comparison charts available for our Academic products and our SDK products for developers.)

	Limited Size Products		Full Sized Products			
	Analytic Solver Basic	Analytic Solver Upgrade	Analytic Solver Simulation	Analytic Solver Optimization	Analytic Solver Data Mining	Analytic Solver Comprehensive
	Yes	Yes	Yes	Yes	Yes	Yes
Multiple Simulation Results charting including Overlay, Trend, and Box Whisker	Yes	Yes	Yes	Yes	Yes	Yes
Uncertain Functions charts including Frequency, Cumulative, Reverse Cumulative, Sensitivity, and Scatter Plots	Yes	Yes	Yes	Yes	Yes	Yes
Data Mining Capabilities						
Partitioning	Original Data: 65,000 Records Output: 50 Variables	Original Data: 65,000 Records Output: 50 Variables	Original Data: 65,000 Records Output: 50 Variables	Original Data: 65,000 Records Output: 50 Variables	Original Data: Unlimited Records Output: Unlimited Variables	Original Data: Unlimited Records Output: Unlimited Variables
Sample from Worksheet	Original Data: 65,000 Records Output: 50 Variables (Stratified: 30)	Original Data: 65,000 Records Output: 50 Variables (Stratified: 30)	Original Data: 65,000 Records Output: 50 Variables (Stratified: 30)	Original Data: 65,000 Records Output: 50 Variables (Stratified: 30)	Original Data: Unlimited Records Output: Unlimited Variables	Original Data: Unlimited Records Output: Unlimited Variables
Sample from Database	Original Data: 1,000,000 Records Output: 50 Variables (Stratified: 30)	Original Data: 1,000,000 Records Output: 50 Variables (Stratified: 30)	Original Data: 1,000,000 Records Output: 50 Variables (Stratified: 30)	Original Data: 1,000,000 Records Output: 50 Variables (Stratified: 30)	Original Data: Unlimited Records Output: Unlimited Variables	Original Data: Unlimited Records Output: Unlimited Variables
Text Mining	100 Documents, 5,000 Characters, 50 Terms, 1 Text Variable	100 Documents, 5,000 Characters, 50 Terms, 1 Text Variable	100 Documents, 5,000 Characters, 50 Terms, 1 Text Variable	100 Documents, 5,000 Characters, 50 Terms, 1 Text Variable	Unlimited Documents, Unlimited Characters, Unlimited Terms, Unlimited Text Variables	Unlimited Documents, Unlimited Characters, Unlimited Terms, Unlimited Text Variables
Feature Selection	10,000 Records, 50 Variables, 30 Distinct Classes	10,000 Records, 50 Variables, 30 Distinct Classes	10,000 Records, 50 Variables, 30 Distinct Classes	10,000 Records, 50 Variables, 30 Distinct Classes	Unlimited Records, Unlimited Variables, Unlimited Distinct Classes	Unlimited Records, Unlimited Variables, Unlimited Distinct Classes
Handling Missing Values (#Rows x #Missing Values to be treated at one time)	65,000 Records, 50 Variables	65,000 Records, 50 Variables	65,000 Records, 50 Variables	65,000 Records, 50 Variables	Unlimited Records, Unlimited Variables	Unlimited Records, Unlimited Variables
Bin Continuous Data (#Rows x #Columns in output)	65,000 Records	65,000 Records, 50 Variables	65,000 Records, 50 Variables	65,000 Records, 50 Variables	Unlimited Records, Unlimited Variables	Unlimited Records, Unlimited Variables
Transform Categorical Data (#Rows x #Columns)	65,000 Records, 50 Variables, 30 Distinct Values	65,000 Records, 50 Variables, 30 Distinct Values	65,000 Records, 50 Variables, 30 Distinct Values	65,000 Records, 50 Variables, 30 Distinct Values	Unlimited Records, Unlimited Variables, Unlimited Distinct Values	Unlimited Records, Unlimited Variables, Unlimited Distinct Values
Time Series (#Rows)	1,000 Rows	1,000 Rows	1,000 Rows	1,000 Rows	Unlimited Rows	Unlimited Rows
Classification and Prediction (#Rows)	Training: 10,000 Training + Validation: 65,000 Scoring 65,000	Training: 10,000 Training + Validation: 65,000 Scoring 10,000	Training: 10,000 Training + Validation: 65,000 Scoring 10,000	Training: 10,000 Training + Validation: 65,000 Scoring 10,000	Training: Unlimited Records Training + Validation: Unlimited Scoring Unlimited	Training: Unlimited Records Training + Validation: Unlimited Scoring Unlimited
Affinity - Association Rules (#Transactions)	65,000, 100 Distinct Items	65,000	65,000	Transactions: 65,000, #Distinct Items: 100	Transactions: Unlimited #Distinct Items: 5,000	Transactions: Unlimited #Distinct Items: 5,000
Data Exploration & Reduction (#Rows x # Columns)	65,000 x 50	65,000 x 50	65,000 x 50	65,000 x 50	Unlimited x Unlimited	Unlimited x Unlimited
# Clusters displayed in Dendrogram	10	10	10	10	Unlimited	Unlimited
Charts (#Rows x #Columns)	65,000 x 100	65,000 x 50	65,000 x 50	65,000 x 50	Unlimited x Unlimited	Unlimited x Unlimited