



Smarten

Augmented Analytics

Powered by ElegantJ BI

Feature Matrix Based on Data Sources

Version 5.1

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Disclaimer

This document is intended to support administrators, technology managers or developers using and implementing Smarten. The business needs of each organization will vary and this document is expected to provide guidelines and not rules for making any decisions related to Smarten. The overall performance of Smarten depends on many factors, including but not limited to hardware configuration and network throughput.

Smarten – Feature Matrix Based on Data Sources

#	Features	Smarten Cached Cube / Dataset	Smarten Real-Time Cube / Dataset
1	Cube / Dataset Management Functions		
1.1	Profile Creation	✓	✓
1.2	Cube / Dataset Creation	✓	✓
1.3	Storing transactional and aggregate data on Smarten	✓	✗
1.4	Managed Memory Computing	✓	✗
1.5	Cube / Dataset Rebuild		
1.5.1	Cube / Dataset Rebuild (Meta data update)	✓	✓
1.5.2	Cube / Dataset Rebuild (data refresh)	✓	NA
1.6	Use of global variables in query (Applicable to Cubes Only)	✓	✓
1.7	Use of Predefined system level global variable '\$currentuser\$' in database query for cubes (Applicable to Cubes Only)	✗	✓
1.8	JOIN/Append Cubes or Datasets	✓	✗
1.9	Dimension Map		
1.9.2	User defined dimension maps in Smarten	✓	✓
1.10	Retrieval Parameters	✓	✓
1.11	Custom columns		
1.11.1	Custom Dimensions / measures in cubes	✓	✗
1.11.2	Custom columns in Datasets	✓	✓
1.12	Column Access Permission	✓	✓
1.13	Data Access Permission	✓	✓
1.14	Data Display Value Mapping	✓	✓
2	Front-end Modules		
2.1	Dashboard	✓	✓
2.2	Crosstab	✓	✓
2.3	Tabular	✓	✓
2.4	Graph	✓	✓
2.5	Geomap	✓	✓
2.6	KPI	✓	✓
2.7	KPI Group	✓	✓
2.8	SmartenView (Smart Data Visualization)	✓	✓
2.9	SmartenInsight (Assisted Predictive Modeling)	✓	✓
3	Analytic Functions on front-end objects		
3.1	Slice and Dice	✓	✓
3.2	Drill Down & Drill Up	✓	✓
3.3	Drill Through	✓	✓
3.4	Retrieval Parameters	✓	✓
3.5	Global Variables	✓	✓
3.6	Time Series		
3.6.1	Absolute	✓	✓
3.6.2	Relative - Full period	✓	✓
3.6.3	Relative - Period to Date	✓	✓
3.6.4	Range	✓	✓
3.7	Filter / Page Dimension Filter		
3.7.1	On String Column		

#	Features	Smarten Cached Cube / Dataset	Smarten Real-Time Cube / Dataset
3.7.1.1	Particular Value	✓	✓
3.7.1.2	Value Starts with/Ends with/ Contains/Null/Not Null	✓	✓
3.7.1.3	Value within range	✓	✓
3.7.1.4	Multiple Values	✓	✓
3.7.2	On Numeric Column		
3.7.2.1	Particular Value	✓	✓
3.7.2.2	Value Greater than/Less than/Greater than equal to/Less than equal to/Null/Not Null	✓	✓
3.7.2.3	Value within range	✓	✓
3.7.2.4	Multiple Values	✓	✓
3.7.3	On Date Column		
2.7.3.1	Particular Value	✓	✓
3.7.3.2	Value Before/After/Between/Not Between	✓	✓
3.8	Cell Filter	✓	✓
3.9	Advanced Filter	✓	✓
3.10	Show / Hide	✓	✓
3.11	Analysis Title	✓	✓
3.12	Edit Label Text in Row, Column and Data Headers	✓	✓
3.13	Suppress Zeros in Row / Column	✓	✓
3.14	Sort		
3.14.1	General Sort	✓	✓
3.14.2	Advanced Sort	✓	✓
3.14.3	Custom Sort	✓	✓
3.15	Rank	✓	✓
3.16	Group / UnGroup	✓	✓
3.17	SpotLighter	✓	✓
3.18	Data Value / Display Value Mapping	✓	✓
3.19	Data Operations		
3.19.1	Sum, Average, Effective Average, Count, Effective Count, Maximum, Minimum, First, Last, Least Recent Values, Most Recent Values, Distinct Count, Distinct Sum, Distinct Average	✓	✓
3.19.2	Row Percentage, Row Group Percentage, Column Percentage, Column Group Percentage, Total Percentage, Relative Row Difference, Relative Row Difference Percentage, Relative Row Group Difference, Relative Row Group, Difference Percentage, Relative Column Difference, Relative Column Difference Percentage, Relative Column Group Difference, Relative Column Group Difference Percentage, Row Cumulative Sum, Column Cumulative Sum, Row Group Cumulative Sum, Column Group Cumulative Sum	✓	✓
3.20	Summary Operations		
3.20.1	Default	✓	✓
3.20.2	Sum, Average, Effective Average, Count, Effective Count, Maximum, Minimum, First,	✓	✓

#	Features	Smarten Cached Cube / Dataset	Smarten Real-Time Cube / Dataset
	Last		
3.20.3	Group Sum, Group Average, Group Count, Group Maximum, Group Minimum, Row Percentage, Row Group Percentage, Column Percentage, Column Group Percentage, Total Percentage, Relative Row Difference, Relative Row Difference Percentage, Relative Row Group Difference, Relative Row Group Difference Percentage, Relative Column Difference, Relative Column Difference Percentage, Relative Column Group Difference, Relative Column Group Difference Percentage, Row Cumulative Sum, Column Cumulative Sum, Row Group Cumulative Sum, Column Group Cumulative Sum	✓	✓
3.21	Notes	✓	✓
3.22	Format Component Properties	✓	✓
3.23	Add / Remove Columns	✓	✓
3.24	Add Custom Measure (UDDC)	✓	✓
3.25	Add Custom Dimension Value (UDHC)	✓	✓
3.26	What-If Analysis	✓	✓
3.27	SubView	✓	✓
3.28	Master-Detail view in Tabular report	✓	✓
3.29	Auto Generate Graph from Analysis	✓	✓
3.30	Export Analysis	✓	✓
3.31	Save Analysis	✓	✓
3.32	Refresh Analysis	✓	✓
3.33	Delivery & Publishing Agent – [Publish Now] and [Publish Settings]	✓	✓
3.34	Operations Summary	✓	✓
3.35	Printing Analysis	✓	✓
3.36	Page Preview	✓	✓

Product and Support Information

Find more information about ElegantJ BI-Smarten and its features at www.smartent.com

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