Smarten
Advanced Data Discovery
Powered by ElegantJ BI

Performance Data Sheet – Real-time Cubes or Datasets

Business Intelligence & Advanced Data Discovery

Document Version: 3.0
Product Version: 5.0 and above

Document Information	
Document ID	Smarten-Performance-Data-Sheet-Real-time-data
Document Version	3.0
Product Version	5.0 and above
Date	15-December-2018
Recipient	NA
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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 Real-time cube or dataset with Amazon Redshift - Performance Data Testing					
	Concurrent Usage				
Platform Specification					
CPU :	**Intel(R) Xeon(R) CPU E5-2686 v4 @ 2.30GHz (16 cores)**				
RAM :	**128 GB**				
Operating System :	**Ubuntu 16.04.2 LTS**				
Data	Real-time cube or dataset with Amazon Redshift data source				
Platform Specification	**Amazon Redshift (dc1.large instance type)**				
CPU :	2 vCPU				
RAM :	**15 GB**				
Number Of Dimensions :	27 Columns				
Number Of Measures :	10 Columns				
No. of records:	5 Million				
Performance Time :	**Operation / Data**	**1 User**	**5 Users**	**10 Users**	**25 Users**
	Crosstab Loading	2.8 sec	3.5 sec	4.1 sec	7.9 sec
	Graph Loading	3.2 sec	4.1 sec	4.8 sec	8.9 sec
	Dashboard Loading	8.4 sec	9.6sec	13.1 sec	17.7 sec
	SmartenView Loading	3.3 sec	4.3 sec	5.0 sec	9.0 sec

Note:

- Performance is measured using specific computer systems and/or components and reflects the approximate performance of Smarten as measured by those tests.
- Any difference in system hardware, network or software design or configuration, may affect actual results.
- Performance may vary upon variation, non-performance or failure resulting out of third party software like operating systems, platforms, servers, tools, utilities and Programs.
- Performance result may vary upon data structure and database engine used.
- Past Results are not necessarily indicative of future results.
- Hypothetical or simulated performance results have certain inherent limitations.
- Under no circumstances will EMTPL be liable for any special, indirect, incidental, exemplary or consequential damages of any kind or nature whatsoever, whether based on contract, warranty, tort (including negligence), strict liability or otherwise, arising out of or in any way related to the Smarten performance result.

Product and Support Information

Find more information about ElegantJ BI-Smarten and its features at www.smarten.com
Support: support@smarten.com
Sales: sales@smarten.com
Feedback & Suggestions: support@smarten.com
Support & Knowledgebase Portal: support.smarten.com