

HCL managed self-service BI

The vision of self-service BI for next-generation business users is an enticing one: provide them with direct access to all the information they need to make critical business decisions. How to provide it through a well-managed platform that strikes a balance between the divergent needs of IT and business is a challenge. While IT would want standardization and data governance, business users demand a BI solution which is fast, flexible and easy to use.

HCL self-service BI methodology: Enabling BI at the speed of business

HCL self-service BI methodology ensures effectiveness of a self-service BI solution that addresses the needs of all business users and brings in governance at the same time.



Self-service and Enterprise BI

HCL recommends "BI" on the self-service BI layer, so that IT can monitor the usage of the content which gets built or used. Within a short span of time, business users' move from ad hoc queries to saved requests, which get repeatedly leveraged. Once this maturity is achieved, IT can work with the business to move this end-to-end flow to the Enterprise BI platform for usage by a wider audience. While implementing this, nine yards of standardization is followed.

HCL self-service BI solution framework

Data Sources	Data Preparation	Micro DataMart	Self Service BI Layer
EDW-Data marts	Data Profiling	ORACLE [®]	Power View QlikView
OLTP Source	Data validation Pick right source Minimum	COMPOSITE 	Spotfire
Spreadsheets	standardization	Power pivot	LAVASTORM analytics
Primary owner:IT, Secondary owner:Business			Primary owner: Business, Secondary owner: IT

Data Preparation	Micro DataMart	Self-service BI Layer
• Agile data profiling and validation: Minimum rules and flexible model to ensure that the right quality of information is available for decision making	 Micro DataMart to cater to specific analytics needs and to be deployed on the existing platform Virtual data layer: Mash-up of data sources for faster data access 	 Self-service BI environment setup Rollout the self-service foundation content layer Tracking and monitoring the BI content User training and enablement

Benefits: Improved agility with governance

- Reduced time to analysis: Time to deliver business user requirements is drastically reduced from 6 months to just over 3 weeks.
- Improved usability: Business users are free from accessibility and data discovery issues. The business glossary helps users to understand the information better.
- Data governance: IT is able to enforce data governance and manage data security issues as per the required standards.

Secondary owner: IT

• Remove "shadow "IT: Improved agility and usability of the BI solution helps to remove "shadow" IT teams.



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