DATA MANAGEMENT SERVICES

To move up the economic value chain, FIs must transform and enrich their data, produce relevant financial information, and turn this information into effective business actions. Data warehouses, combined with Business Analytics, provides the BFSI industry with powerful tools for analyzing large amounts of data. However, over a period of time, in the absence of data governance and a formalized metadata repository, the data tends to become untidy and loses its integrity, which makes the data warehouse-analytics ineffective. Our data management services provide detailed requirement analysis, data gap analysis, data acquisition strategy, alignment of data requirements, creating metadata repository, data quality and building of data models.

Oracle Financial Services Consulting helps organizations establish a data governance framework to help them maintain data purity and integrity. We at Oracle take an integrated view of the business analytics like Performance Management, Risk Management, Customer Insight, Governance and compliance. We have a baseline financial data model (OFDM), which makes the deployment cycle shorter. Our model-centric view using OFDM effectively serves the requirement of the BFSI industry including Enterprise Performance Management, Customer Insight, Basel II, Solvency II and compliance requirements. We utilize various automated tools in the Oracle portfolio such as Oracle Data Integrator (ETL and Data Quality) and Oracle Business Intelligence EE to jumpstart such initiatives. We carry the baseline analytic requirements with our in-depth domain expertise to provide a smooth and rapid data management experience. We offer a single, logical view of all enterprise data and centralized access point to manage user security and visibility which lowers TCO and a shorter pay-back period.

We help organizations to combine Enterprise Data from heterogeneous sources in a single unified Enterprise View of Information and in a single calculation within a single piece of metadata. Through our offerings, financial institutions can manage their data flow in an efficient manner to establish a sound decision making framework.

Is your Data ready for BI analytics?

For using their existing data effectively and deriving meaningful conclusions, financial institutions have to necessarily address data challenges mainly due to the rapidly changing economic environment, market constraints and stringent regulatory requirements:

- Reporting to supervisors against target dates
- Stakeholders’ relationship management (including customers, shareholders, partners, regulators and community)
- Financials
- Internal learning and growth
- Process execution and management
- Lack of clarity about required level of granularity in the data
- Risks on account of Data warehouse-building projects being long drawnout
- Data governance and information consistency
- Reconciliation between Finance and various Analytics

**Integrated Business Analytics**

**Our Integrated approach for Business Analytics**

Our approach integrates the four corners of Business Analytics viz. Performance Management, Risk Management, Customer Insight, Governance Compliance

---

**Data strategies in dynamic environment**

The value of a well-designed, structured and efficient data strategy cannot be overemphasized. It effectively shortens the time obligated from data collection to BI analytics.

In a typical organization, analytics related data may be spread in multiple systems. The data may not be reconciled with each other and would give only a fragmented view of the organization. We provide the required know-how to design data strategies.

**Meeting your data needs**

We can build a Metadata Repository that can act as a Single Repository for all metadata for BI Analytics Purposes.

Detailed data requirement analysis for BI Analytics would involve:
- Alignment of institutional data requirements with business strategy
- Studying existing source systems and recommend target data model
- Deriving Metadata formation
Decide how the metadata will be stored
- Determine metadata relevance and appropriateness to collection
- Create Metadata Record
- Release records to catalog
- Establish Metadata maintenance procedures
- Review procedures at each level

- Analyze ETL requirements
- Preparation of Functional Specification Document
- Reporting and documentation
- Data acquisition - Inception to implementation, which would in turn take care of data quality and data governance concerns
- Data architecture design, governance and data modelling
- GL reconciliation

Data Quality
Poor data quality affects all institutions. In fact, inconsistent, inaccurate, incomplete, and out-of-date data are often behind expensive business issues such as operational inefficiencies, faulty analysis for business optimization, unrealized economies of scale, and dissatisfied customers. We offer services to meet any data quality challenge for any type of global data.

These are the steps involved in a comprehensive data quality program:

- Data profiling
- Identify problems
- Generate rules to solve problems
- Use tools to host these rules

Data Governance
Data governance (DG) refers to the overall management of the availability, usability, integrity, and security of the data employed in an enterprise. A sound data governance program includes a governing body or council, a defined set of procedures, and a plan to execute such procedures.

The initial step in the implementation of a data governance program involves defining the owners or custodians of the data assets in the enterprise (data stewards). A policy must be developed that specifies accountability for various sections or aspects of the data, including accuracy, accessibility, consistency, completeness, and updating. The processes must be defined to manage data storage, archiving, backup, and protection from mishaps, theft, or attack. A set of standards and procedures must be developed that defines how the data should be used by authorized personnel. Finally, a set of controls and audit procedures must be put in place to ensure compliance with government regulations. We help organizations formulate Data Governance policy and procedures.

Our Approach for Data Modelling
Typical Architecture Scenario for Analytics

The following diagram illustrates a DWH-Analytics scenario and the prime role of data which may make or mar the success of the whole assignment.
Our Expertise

We understand that financial institutions need specialized knowledge in any development project that they undertake, in view of the constantly evolving regulatory landscape. Therefore, to ensure that your solution is ‘future-ready’, our consultants ensure –

• Accelerated time to compliance by leveraging pre-defined methodology, experience enriched tools like pre-defined templates, and greater readiness to manage complex rules
• Access to data certification methodologies to ‘measure’ data quality and data integrity
• Significant savings in costs, time and effort as the target logical data model is also physically instantiated
• Optimal data architecture enabling efficient, transparent and auditable data interactions between the upstream and downstream systems and the logical data model
• Vast domain expertise and experience in diverse banking and analytic functions
• Compliance with baseline Requirements and Data Model
• A diverse and distinguished client base including some of the top Tier-I Banks.

Oracle Financial Services Consulting value proposition

Oracle Financial Services Consulting pool of experienced and internationally certified consultants have assisted large banks as data management consultants and leveraged their rich practical experience to address the specific requirements of clients.

A hallmark of our practice is a deep understanding of the links between BI analytics and data management/technology. Our clients derive immense benefits from our experience in projects implemented in leading banks across all major geographies (Asia, Europe and North America) and our structured methodologies for data management and project management.

Our consultants have demonstrated versatility in handling complex functional and technical demands in diverse projects:

Oracle has the expertise in terms of tools, techniques and domain knowledge and through this offering looks forward to partnering with banks in their journey towards “Data Driven Decision Making”.

Services around Oracle Products:

Oracle Financial Consulting services provide following services around BI products like OBI-EE and ODI.

• Forming the Reporting Strategy
• Metadata Related Services
• Building Dashboards and Scorecards
Contact Us
For more information about Oracle Financial Services Consult’ing’s Data Management Services, please visit oracle.com/financialservices or call +1.800.ORACLE1 to speak to an Oracle representative, or e-mail us at financialservices_ww@oracle.com.