IBM Cognos Data Quality Rapid Assessment Service

The IBM Cognos Data Quality Rapid Assessment Service helps you understand how well existing data assets support your performance management efforts. Identify how to improve the accuracy and completeness of your data; and increase business confidence in your performance management solution.

Whether you are preparing to deploy performance management capabilities such as reporting, planning, or scorecarding, or your existing implementations have not met expectations, the IBM Cognos Data Quality Rapid Assessment Service can help your organization. Important performance management initiatives, involving many people and multiple departments, may be less successful due to data quality problems.

This five-day services engagement focuses on data quality issues that may affect your performance management project goals. The IBM Cognos Data Quality Rapid Assessment Service:

- Provides a preliminary Data Quality Assessment.
- Lets you see the data quality issues that need to be addressed.
- Sets a baseline for your ongoing data quality strategy.
- Helps you reduce project risk from poor data quality.
- Educates business leads on data quality and shows them how to improve it.

Approach

Delivered in five working days, this service has three work streams:

- Data quality discovery and analysis
- Data quality framework
- Data quality scorecards.

The service's major deliverable is a preliminary Data Quality Assessment that suggests best practices and makes concrete recommendations.

Assessment Work Packages		Day 1	Day 2	Day 3	Day 4	Day 5
	Discovery & Analysis	• Rapid Assessment Engagement Planning	• Perform initial data quality analysis	• Review and iterate the data quality analysis • Identify business rules that should be implemented to affect data quality		
	Data Quality Framework	• Identify key stakeholders, participants, and deliverables • Review key business rules and assumptions of the project • Confirm target data sets • Understand existing design development and testing processes of the project • Discuss data stewardship and data management strategies with the key stakeholders	• Establish a framework to track the progress of data quality initiatives and the potential impact on the project • Develop recommendations for the data quality lifecycle and appropriate steps needed to ensure success on the project • Identify key data quality metrics that should be reported to project sponsors responsible for the overall data quality	• Identify a baseline set of data quality processes • Perform data quality-specific risk assessment on the project • Identify and review data quality Proven Practices	• Extrapolate data quality findings to other data sets • Develop resource milestones and timeline recommendations to address data quality on the project	• Present Data Quality Assessment Summary • Present Go Forward recommendations • Define next steps
	Data Quality Scorecarding			• Prepare Environmental Data Quality Scorecards(s) • Prepare Attribute-specific Data Quality Scorecards(s)		

Data Quality Discovery & Analysis

Using a targeted data set, the Cognos consultant assesses data quality. The process and results of this analysis will help you:

- Begin the process of applying data quality business rules, progressing through the following areas:

  - Analysis

  - Preliminary cleansing and standardization assessment

  - Preliminary grouping and matching assessment

- Increase your knowledge of data quality with available professional expertise and documented best practices.

- Implement a data quality strategy and understand the business rules to implement for your data quality goals.

- Discover the readiness of your data for diverse projects through initial scorecards, providing essential knowledge of how to improve the quality levels of your key data attributes.

- Assess your data quality risk on the project, and support recommendations on how to improve data quality across the organization.

Data Quality Framework

The Data Quality Framework gives you the context for assessing, measuring and improving data quality on the project.

- Increase your project planning ability and sharpen your projections of the resources and timeframe required to complete a data quality project.

- Discuss the data quality project lifecycle and appropriate steps needed to ensure success during this iterative process.

- Determine how data quality can fit within pre-defined project milestones with help in the project-planning phase.

- Plan your data quality strategy to match existing design, development, and testing processes of the project, and how to apply these practices to the organization.

- Develop a risk assessment and data quality strategy by understanding hidden data quality issues.

Data Quality Scorecarding

The Data Quality Scorecard(s) will help you:

- Capture and communicate data stewardship and data management strategies with the key stakeholders of the project.

- Review and define key data quality metrics that can be reported to project sponsors responsible for the overall data quality.

- Engage with business owners by providing early results to assist in creating a wider awareness and buy-in for your data quality strategy.

Deliverables

You will receive a prepared Data Quality Assessment Summary report.

- Insight and guidance on how successful customers apply Informatica Data Quality software and the data quality methodology.

- Contrasting the results of the Rapid Assessment with other successful data quality customers, a series of data quality scorecards that display the key quality characteristics of your data and recommendations on how to track improvements in your data's quality over time.

- Using other successful customer examples, receive a series of data quality business rules that you can augment as your organization implements its data quality platform.

- By applying benchmarks and examples, establish a baseline set of data quality processes. These processes are prepared with your team and provide the framework to take your project forward.

- Concrete recommendations and next steps on preparing data for specific data projects, meeting industry data regulations, and maximizing the value of data.

- Documented "Next Step" business rules and data quality recommendations based on the findings uncovered during the assessment.

Getting Started with the IBM Cognos Data Quality Rapid Assessment Service: Prerequisites

A Cognos consultant needs five continuous days onsite to complete the rapid assessment and needs access to:

- Appropriate business and IT personnel
  - BI Project Sponsor(s) – Day 1, Day 3 and Day 5
  - BI Project Manager(s) – Day 1, Day 3, Day 4 and Day 5
  - Data Steward(s) for targeted data set – Day 1 through Day 5
  - Project Business Owner(s) – Day 4 and Day 5
  - IT and Technical SMEs – as needed on Day 2 through Day 4.
- A representative sample of data from the targeted data set (the number of data sources and type of data within your environment will affect the scope and length of the engagement).
- Any predefined data quality processes or methodologies currently in your organization.
- A sponsor-supported forum for the Data Quality Assessment Summary and Go Forward Plan discussions and presentation.

Contact Us

For more information about how Cognos Professional Services can assist you with your Cognos project, contact your local Service Manager or Account Manager.

To have a local Service Manager contact you, fill out the Services Request form on our Web site: **http://support.cognos.com/en/consulting/about/request.html**

Email: **ProfessionalServices@cognos.com**

About Cognos, an IBM Company

Cognos, an IBM Company, is the world leader in business intelligence and performance management solutions. It provides world-class enterprise planning and BI software and services to help companies plan, understand and manage financial and operational performance. Cognos was acquired by IBM in February 2008. For more information, visit **http://www.cognos.com**.

For more information

Visit the Cognos Web site at www.cognos.com

Request a call

To request a call or ask a question, go to www.cognos.com/contactme A Cognos representative will respond to your enquiry within two business days.