

Series: *Business Analyst Certificate Program (formalizing mid-2010)*

How to Model, Analyze, and Improve Business Data

This course, delivered by Data Analysis & Results, Inc. (DA&R) experienced consultants and trainers, gives you a proven set of business process core techniques, methods, and tips for business analysis to help Business Analysts acquire, understand, document, and model business data. This information exists in three primary locations; user views (reports, screens, etc.), in the minds of the business personnel who may not know that they have this knowledge, and in previously automated systems. To discover, structure, and document this “data about data”, you will learn an intuitive, top-down approach to business data modeling and a rigorous, bottom-up approach.

Business data represents the real world and everything that your organization wants to know about it. Understanding how the business thinks about and uses its data is crucial for the development of any information technology (IT) project and for many other types of projects as well. The primary tool for communicating about business data is the business data model (business entity relationship diagram or other type of diagram) which helps subject matter experts (SMEs), business analysts, system analysts, and data analysts discover the static structure and business rules of the data.

Logistics – Instructor-Led, On-Site Duration 2 days.

This instructor-led course is delivered as a two-day course.

Who Should Attend

This course is designed for Business Analysts, Business Process Owners, Data Administrators, Data Analysts, Requirements Definition Specialists, System Analysts, Test Engineers, and anyone charged with managing, understanding, and/or improving information use.

Why You Should Attend - Best Practices Methodology

DA&R's requirements training is for professionals who provide information and experience for, or create software and any other type of technical or business requirements. Our Public Sector, Fortune 500, and Nonprofit customers have adopted our Best Practices as their standard for defining and managing requirements.

Mentor Instructors

DA&R Senior consultants teach every course, ensuring that attendees get personal attention and a wealth of experience. DA&R affiliated consultants actively participate in the IIBA, PMI, IEEE, and other professional organization standards work. We stand ready to tailor, customize, coach, mentor, and consult with you on your Business Analysis, Requirements, Project Management, and related professional endeavors.

Improved Retention Means Adoption

DA&R courses are designed to be engaging, participatory, and to help develop behavior changes that lead directly to performance improvement. Attendees take back with them best practice and tailored templates, processes, and contacts for further development.



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Expansion

To meet specific training needs, this class can be combined with the following offers:

- How to Model, Analyze, and Improve Business Processes
- How to Elicit (Gather), Write, and Analyze Business Requirements

Upon completion, successful participants will be able to:

- Draw business data models
- Compare the pros and cons of data modeling
- Draw data model (entity relationship) diagrams
- Create a data model from requirements
- Morph an existing data model into a future data model
- Build a data model based on existing system documentation
- Assign attributes to the appropriate entity on the diagram
- Analyze data attribute's characteristics (metadata)
- Analyze user views, (screens, reports, etc.) to modify a data model
- Modify an existing data model based on new requirements
- Evaluate a data model for full normalization and correctness
- Report data constraints that influence the physical data structures



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