

## **B-Incise Education:**

# **Mapping BI Requirements to Data Models**

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**Category:** Business Analytics

**Prerequisite:** None

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The BI community has done well in managing data migration and backend database processing but is less effective at the task of efficient and meaningful business requirements gathering. Likewise, our community struggles to convert business requirements into a meaningful data model. This course focuses on tips, tools, and techniques to improve the efficiency and accuracy of business requirements gathering and on how to convert these requirements into a data warehouse data model. Specifically, time is spent on how business requirements impact the data model, the OLAP layer, and reports in your BI tool. It's not too technical!

## **You Will Learn**

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- How to prepare for and conduct interviews with executives, power users, and casual users
- How to ask probing questions
- How to document business requirements
- How to create an inventory of data elements
- How to convert business requirements into a data model
- Best practice designs in data modeling using business needs
- How to manage user expectations of the BI system capabilities

## **Geared To**

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BI Business Analysts

Data Modelers

Report Writers

OLAP Architects

First time BI Project Managers

## Course Outline

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Participants will interactively discuss these topics and will review examples of completed tools, requirements documents, and data models:

1. Business Need Statement Creation
2. Interview Prep Questions
3. Seeking Dimensionalized Answers
4. Documenting Your Business Requirements
5. Technical Data Model Design from Requirements
6. Data Element Inventory Creation
7. Data Behavior Statements
8. Constantly Changing Data Management
9. Data Granularity Discovery