BC430

ABAP Dictionary

COURSE OUTLINE

Course Version: 15

Course Duration: 3 Day(s)12

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	=
Demonstration	>
Procedure	2 3
Warning or Caution	1
Hint	
Related or Additional Information	>>
Facilitated Discussion	
User interface control	Example text
Window title	Example text



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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Data Consultant
- Development Consultant
- Industry / Business Analyst Consultant
- Technology Consultant
- Developer
- System Administrator



Introduction to the ABAP Dictionary

Lesson 1: Describing the ABAP Dictionary

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the functions of the ABAP Dictionary



Data Types in the ABAP Dictionary

Lesson 1: Creating Domains and Data Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Create domains for data elements
- · Create data elements

Lesson 2: Creating Flat Structures

Lesson Objectives

After completing this lesson, you will be able to:

Create simple and nested structures in the ABAP Dictionary

Lesson 3: Creating Table Types and Deep Structures

Lesson Objectives

After completing this lesson, you will be able to:

- · Create table types in the ABAP Dictionary
- · Create deep structures in the ABAP Dictionary

Lesson 4: Creating Type Groups

Lesson Objectives

After completing this lesson, you will be able to:

• Define type groups in the ABAP Dictionary



Database Tables

Lesson 1: Creating Transparent Tables

Lesson Objectives

After completing this lesson, you will be able to:

- Create transparent tables
- Define INCLUDE structures
- Create tables in the ABAP Dictionary

Lesson 2: Defining Cluster Tables and Pooled Tables

Lesson Objectives

After completing this lesson, you will be able to:

• Define cluster tables and pooled tables

Performance During Table Access

Lesson 1: Creating Database Table Indexes

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the use of database indexes
- Create database indexes in the ABAP Dictionary

Lesson 2: Setting Up Table Buffering

Lesson Objectives

After completing this lesson, you will be able to:

- Apply the settings for table buffering
- Describe buffering types
- Set up table buffering



Input Checks

Lesson 1: Creating Fixed Values

Lesson Objectives

After completing this lesson, you will be able to:

· Create fixed values for a domain

Lesson 2: Defining Foreign Keys to Perform Input Checks

Lesson Objectives

After completing this lesson, you will be able to:

• Define foreign keys to ensure data consistency

Lesson 3: Creating Text Tables

Lesson Objectives

After completing this lesson, you will be able to:

· Create a text table

Dictionary Object Dependencies

Lesson 1: Differentiating Between Active and Inactive Dictionary Objects

Lesson Objectives

After completing this lesson, you will be able to:

• Differentiate between active and inactive Dictionary objects

Lesson 2: Identifying Dependencies with ABAP Dictionary Objects

Lesson Objectives

After completing this lesson, you will be able to:

Identify the usages of Dictionary objects using the where-used list

UNIT 7 Table Changes

Lesson 1: Performing a Table Conversion

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the effect of table changes
- Convert transparent tables
- Correct conversion errors

Lesson 2: Enhancing Tables Using Append Structures

Lesson Objectives

After completing this lesson, you will be able to:

• Add enhancements to tables using append structures

Views and Maintenance Views

Lesson 1: Creating Database Views

Lesson Objectives

After completing this lesson, you will be able to:

- · Describe database views
- · Define database views

Lesson 2: Creating Maintenance Views

Lesson Objectives

After completing this lesson, you will be able to:

- · Describe maintenance views
- Create maintenance views
- Identify when to use maintenance views

Lesson 3: Creating View Clusters

Lesson Objectives

After completing this lesson, you will be able to:

• Define complex maintenance dialogs

UNIT 9 Search Helps

Lesson 1: Creating Search Helps

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the input help process
- Create elementary search helps

Lesson 2: Applying Advanced Search Help Techniques

Lesson Objectives

After completing this lesson, you will be able to:

- Create collective search helps
- Create append search helps to enhance search helps
- Implement search help exits

