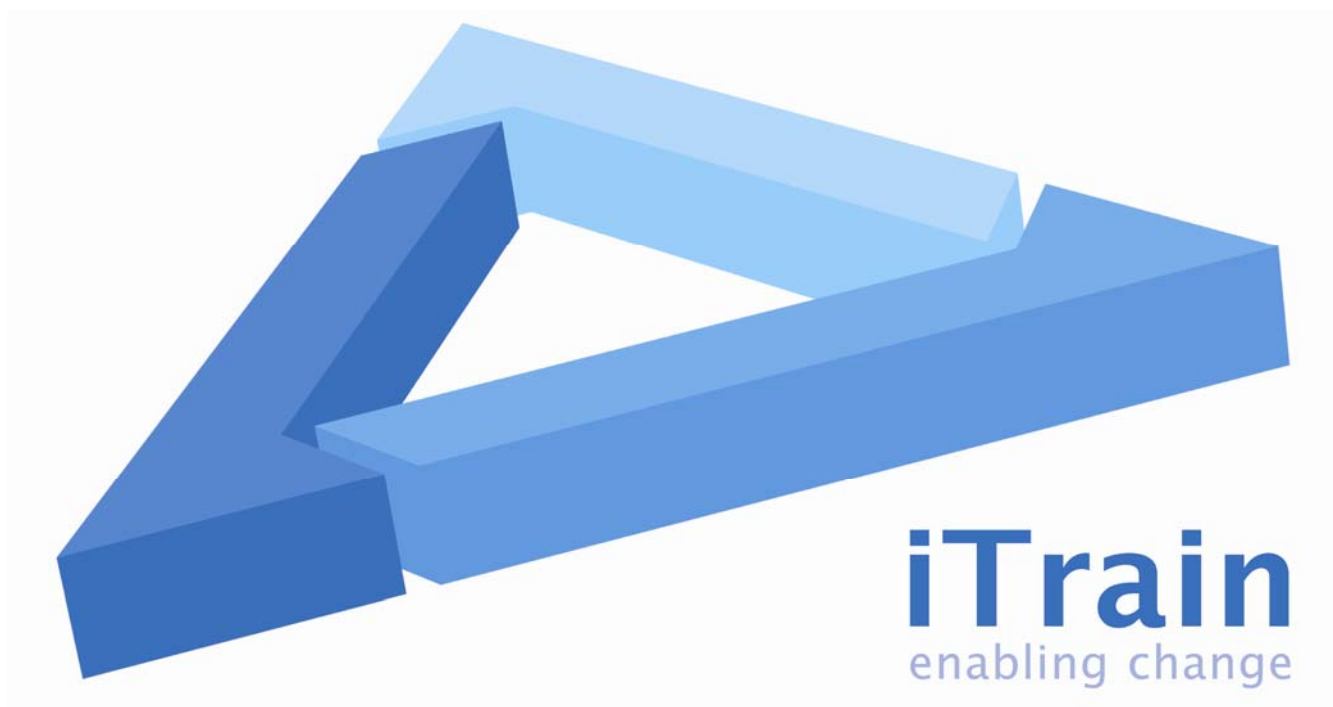


# iTrain – SAP Bootcamps

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# SAP BW Data Warehousing and Reporting Bootcamp

## Course Objectives

This course is designed to introduce students to the full functionality within the SAP BW Data Warehousing and Reporting suite of products. The programme introduces the fundamental Data Warehousing concepts involved with core BW design and development, introduces the report writing capabilities with useful tips and techniques and then introduces a range of expert knowledge to ensure accurate data identification and efficient product deployment.

Who Should Attend	Prerequisites	Duration
SAP Reportwriters, SAP Technicians, SAP Analyst/Designers	PC Fundamentals (e.g. ECDL Basics)	3 Days

## Course Contents

### Day 1: Data Warehousing

Data Warehousing Overview  
 BW Data Model  
 Extracting Data from SAP Components & External Systems  
 Business Content  
 Aggregates and Managing InfoCubes  
 Data Mart Interface  
 Operational Data Store  
 Virtual InfoCubes and MultiProviders

### BW Data Modelling

Extended BW Star Schema  
 Using Navigation Attributes  
 Time dependent data  
 Tracking History  
 ODS Scenarios  
 MultiProvider  
 DataMarts

### Day2: BW Reporting

Navigation within Reports  
 Working with Business Content Queries  
 BEx Query Designer  
 Calculated and Restricted Key Figures  
 Characteristic Attributes and Hierarchies  
 Variables  
 Query Properties  
 Exceptions and Conditions  
 Ad hoc Query Designer on the Web  
 BE Analyzer and Workbook Functions  
 InfoProvider  
 Reporting Management  
 Reporting Agent  
 Report To Report Interface  
 Currency and Unit Conversion  
 Personalization Features  
 Advanced Reporting Agent  
 BW Reporting Performance

### Day 3: BW Extraction

Service API  
 LO Extraction  
 Delta Management  
 CO PA Extraction  
 FI SL Extraction  
 Generic Extraction  
 CRM Extraction  
 Extraction Enhancements with User Exits  
 Business Content Extractors

### BW Performance Tuning

Technical Basics  
 ODS  
 Transactional Data Targets  
 BW Statistics  
 Query and OLAP Basics  
 Partitioning  
 Aggregates  
 Query Tuning  
 Process Chains Introduction



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