

# ABAP Programming for SAP HANA

## PRZEZNACZENIE SZKOLENIA

This course is for developers and consultants who are familiar with programming database access using ABAP and ABAP Objects programming and want to learn how to use SAP HANA to speed up such access.

The course is suitable for:

- Application Consultant
- Developer
- Developer Consultant

## KORZYŚCI WYNIKAJĄCE Z UKOŃCZENIA SZKOLENIA

In this course, you learn how you can use SAP HANA and new features in the ABAP programming language to optimize existing ABAP code and to develop innovative ABAP applications to enhance your business.

## OCZEKIWANE PRZYGOTOWANIE SŁUCHACZY

- Basic Knowledge of SAP HANA
- Experience in ABAP Programming, esp. Open SQL (joins, views, aggregations)

## PRZYGOTOWANIE DO SZKOLENIA

Wirtualna Klasa

- Poznanie trenera i grupy
- Sprawdzanie wiedzy - testy i quizy
- Wprowadzenie w temat zajęć

## WYKŁADY I WARSZTATY

Sala szkoleniowa

- Introduction
  - Understanding SAP HANA and how it impacts the ABAP development paradigm
  - Introduction to ABAP Development Tools (also known as ABAP in Eclipse)
- Taking ABAP to SAP HANA
  - Accessing SAP HANA as a Secondary Database
  - Tools to detect potential functional and performance issues when migrating to SAP HANA: Code Inspector and ABAP Test Cockpit, ABAP Trace and ABAP Profiler, SQL Trace
  - Tools to prioritize performance issues: SQL Monitor, SQL Performance Tuning Worklist
  - Performance Rules and Guidelines for ABAP in the context of SAP HANA
- Database Independent Code-to-Data
  - Enhanced Open SQL
  - Defining advanced views using Core Data Services (CDS) and CDS Associations in ABAP
  - Incorporating Authorization Checks with CDS in ABAP

- SAP HANA specific Code-to-Data
  - Using native SQL and ABAP Data Base Connectivity (ADBC)
  - Creating, using and debugging ABAP Managed Database Procedures
- Consuming SAP HANA Objects in ABAP
  - Consuming SAP HANA objects in ABAP using native SQL and ADBC
  - Creating and using External Views
  - Database Procedure Proxies
- Advanced Topics
  - ABAP Transport of SAP HANA Objects (HTC and HTA)
  - Using SAP HANA Full Text Search in ABAP
  - Enabling input fields for type-ahead search
  - SAP List Viewer (ALV) optimized for SAP HANA

## WSPARCIE I ROZWÓJ PO SZKOLENIU

Portal Altkom Akademii

- Dostęp do materiałów szkoleniowych i uzupełniających
- Opieka trenera
- Kontakt ze społecznością

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<b>Kod szkolenia</b>	SAP/HA400 / std
<b>Czas trwania</b>	3 dni
<b>Poziom</b>	Średnio zaawansowany
<b>Autoryzacja</b>	SAP