

# Detector® for Db2 for z/OS: Standard Collection 200

## EDUCATION COURSE DESCRIPTION

### SUPPORTED PRODUCT RELEASES

Detector® for Db2 for z/OS  
Version 20.0

### COURSE TYPE, LENGTH, & CODE

- WBT
- 30 minutes
- 06PDT20020

### PREREQUISITES

Experience with Db2

### WHO SHOULD ATTEND

- Database Administrators
- Performance Analysts
- Application Developers
- System Programmers

### RELATED COURSES

- Detector® for Db2 for z/OS:  
Getting Started 200  
(06PDT20010)
- Detector® for Db2 for z/OS:  
Exception Collection and  
Error Collection 200  
(06PDT20030)
- Detector® for Db2 for z/OS  
and Subsystem Analyzer for  
DB2 for z/OS: Batch  
Reporting 200 (06PDT20040)
- Subsystem Analyzer for Db2  
for z/OS: Overview 200  
(06PSA20010)

## Course Overview

Detector provides analysis capabilities that help identify the programs and SQL statements that impact your Db2 system performance. SQL activity is collected from many sources—including online and batch mainframe applications using static SQL, client/server applications, reporting applications and ERP systems that access Db2 using dynamic SQL. Data warehousing applications using dynamic or static SQL and host variable values can also be collected.

Detector displays the highest resource consumers in a Db2 subsystem. View Db2 performance information at various levels and drill down for more granularity.

Detector also integrates with other Database Management Solutions for Db2 for z/OS products to help diagnose and evaluate performance problems. For example, Detector integrates with Subsystem Analyzer for Db2 for z/OS (Subsystem Analyzer) to extend problem tracking to database objects, programs, and SQL statements, analyze buffer pool hit ratios, getpage requests and physical object I/O.

In this course, you'll learn how to view current and historical accounting data values by application, plan name, package/DBRM, and SQL statement perspectives, without using resource-intensive Db2 performance traces.

## This Course Will Show You How To:

- Navigate Detector standard collection data in real time or view historical activity.
- Identify the top resource consumers from the following perspectives: Plan name, package, key values, and SQL statements.
- Explain a dynamic SQL statement or package through the Plan Analyzer® for DB2 for z/OS (Plan Analyzer) Quick Explain feature.

## Course Resources

- [Communities](#)
- [YouTube Playlist](#)
- [Product Documentation](#)
- [Product Information](#)