

# IBM - IMS Physical Organization of Databases Workshop

---

**Code:** CM22G  
**Length:** 4 days  
**URL:** [View Online](#)

---

Learn how to design, implement, reorganize, and recover Information Management System (IMS) databases. Practice these skills in intensive machine labs.

## Skills Gained

- Code the Database Directories (DBD) and Program Specification Blocks (PSB) for physical databases
- Code the DBDs and PSBs to implement secondary indexing
- Use the appropriate IMS utilities to reorganize and recover physical databases, including those with secondary indexes
- Use the DL/I test program
- Prepare a job stream to load a database using different IMS access methods

## Who Can Benefit

This is a basic level course for database administrators, system programmers, and other data administration individuals, who design, implement, and maintain IMS databases.

## Prerequisites

You should have:

- basic understanding of IMS database features **and** organization along with a working knowledge of z/OS tools, Virtual Storage Access Method (VSAM) services utilities, **and** Job Control Language (JCL)

## Course Details

### Course Outline

- Introduction to DL/I
  - IMS Access Methods
  - HISAM
  - DBD/PSB/Data Sets/JCL
  - IMS Test Utility: DFSDDLTO
  - HD Access Methods
  - HIDAM
  - HDAM
  - Database Reorganization
  - IMS Data Sets Summary
  - Secondary Indexing
  - Database Recovery
  - Database Design Considerations
  - IMS Space Utilization
- 

Download Whitepaper: Accelerate Your Modernization Efforts with a Cloud-Native Strategy

Get Your Free Copy Now