
IMS Physical Organization of Databases Workshop

Duration: 4 Days **Course Code: CM22G**

Overview:

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

Target Audience:

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

Objectives:

- 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
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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)
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Content:

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| ■ Introduction to DL/I | ■ HD Access Methods | ■ Secondary Indexing |
| ■ IMS Access Methods | ■ HIDAM | ■ Database Recovery |
| ■ HISAM | ■ HDAM | ■ Database Design Considerations |
| ■ DBD/PSB/Data Sets/JCL | ■ Database Reorganization | ■ IMS Space Utilization |
| ■ IMS Test Utility: DFSDDLT0 | ■ IMS Data Sets Summary | |
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Further Information:

For More information, or to book your course, please call us on 0800/84.009

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