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## IMS Physical Organization of Databases Workshop

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

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### Overview:

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

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### 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.

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### 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: DFSDDLTO | ■ IMS Data Sets Summary   |                                  |
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### Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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