Training: IBM
IMS Physical Organization of Databases Workshop

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<th>FORM OF TRAINING</th>
<th>MATERIALS</th>
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<td>Traditional</td>
<td>Digital materials</td>
<td>2348 EUR</td>
<td>4 days</td>
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<td>CTAB Tablet</td>
<td>2448 EUR</td>
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LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

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

- 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

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

CONSPECT:

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

REQUIREMENTS:

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)