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## IMS Logical Relationships

**Varighed: 4 Days    Kursus Kode: CM241G**

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### Beskrivelse:

Learn how to successfully implement and tune Information Management System (IMS) databases with IMS logical relationships. Examine in detail the various pointer options. Practice these skills in intensive machine-lab exercises.

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### Målgruppe:

People responsible for designing, implementing, maintaining, or tuning IMS databases using logical relationships.

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### Agenda:

- Code the DBDs and PSBs for databases involved in logical relationships, including those using recursive data structures
  - Use IMS utilities to load and reorganize logically related databases
  - Choose logical relationship update rules based upon application processing requirements
  - Identify DBD coding parameters that are critical to the performance of logically related databases
  - Interpret the results of logical relationship implementation choices using the reports provided by the IMS Monitor
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### Forudsætninger:

You should have at least four months of experience using IMS and should be able to:

- Use TSO/ISPF **or** PDF
- Demonstrate basic knowledge of:
  - OS/VS Job Control Language
  - VSAM access methods service utilities
  - DL/I application programming techniques
- Describe the characteristics **and** storage format of HISAM, HIDAM **and** HDAM databases **and** code their DBDs
- Understand the IMS DB Monitor **and** use its reports to resolve database performance concerns

These skills can be developed by attending:

- IMS Physical Organization of Databases Workshop (CM22)
  - IMS Database Performance and Tuning Workshop (CM30)
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### Indhold:

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|--|---|------------------------------------|
| ■ Introduction to Logical Relationships  | ■ Bidirectional Logical Data Structures | ■ Logical Relationship Performance |
| ■ Unidirectional Logical Relationships   | ■ Database Load and Reorganization      | ■ Logical Relationship Tuning      |
| ■ Unidirectional Logical Data Structures | ■ Recursive Structures                  | ■ Design and Change Considerations |
| ■ Bidirectional Logical Relationships    | ■ ISRT Rules and Exercise               |                                    |
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## Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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