



Mainframes Course Content:35-40hours

Course Outline

IBM Mainframe Concepts

- Architecture
- Input/output Devices

Multiple Virtual Storage(MVS)

- Operating System
- Mainframe Characteristics
- Data Management

Z O/S

- Architecture and Multiprocessing
- Virtual/Real/Auxiliary Storage Concepts
- MVS Storage & Control Blocks

TSO/ISPF

- PDF
- Utilities

Job Control Language(JCL)

- JCL Statements and Procedures
- Symbolic Parameters
- IBM Utilities
- GDG

Virtual Storage Access Method(VSAM)

- Features and Structures



- VSAM Concepts and Catalogues
- Usage in Cobol, CICS/DB2 Programming

COBOL

- Introduction to Cobol
- Cobol Program structure
- Procedure Division
- Table Handling
- File Handling

Database 2(DB2)

- RDBMS Concepts and Components
- Data normalization
- Basic SQL
- Advanced SQL, Embedded SQL
- DB2 and SPUFI,DCLGEN
- Usage in Cobol, CICS/DB2 Programming

Customer Information and Control System(CICS)

- Online Systems
- Components, Environments
- Features

REXX

- Variables and Expressions
- Control Flow
- Subroutines and Functions
- Stems, Parsing Data
- Commands
- TSO/E External Functions
- Stacks and Queues
- Input/output

Tools

- File Manager
- Xpeditor
- Endeavor
- File Aid

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