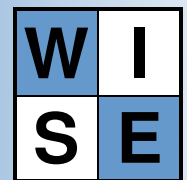


- COURSE CODE:** DWUCF
- COURSE TITLE:** DB2 for LUW Concepts & Facilities
- CURRENCY:** V9 – V9.7
- AUDIENCE:** Aspiring DB2 for LUW System Administrators, Database Administrators and Application Developers.
- PREREQUISITES:** Minimum of six (6) months experience in any IT environment.
- DURATION:** 1 day
- SUMMARY:** This concepts and facilities presentation provides a focused introduction to IBM's DB2 for Linux/UNIX/Windows platforms.
- OBJECTIVES:** Upon completion of this course, the participant should be able to:
- Describe the scope of each member of the DB2 family
 - Characterise the properties and components of a DB2 database
 - Understand data modelling concepts
 - Understand DB2 objects and recovery facilities
 - List and describe DB2 security and authorization concepts.



1. DB2 PRODUCT OVERVIEW

- Enterprise Server Edition
- Enterprise Edition
- Workgroup Edition
- Personal Edition
- Satellite Edition
- Connect Edition
- Developer Edition
- z/OS Edition

2. DB2 OBJECTS & FACILITIES

- Database instance concepts
- Database objects
- Indexes
- Configuration parameters
- Data integrity
- Backup/recovery facilities
- Security: authentication, authorisation and privileges
- Units of work

3. PARALLELISM & PROCESSOR OPTIONS

- Single vs. multiple processors
- Data partitioning
- Parallel systems
- Distributed database options

4. DATABASE DESIGN CONCEPTS

- Relational model
- Structure -- tables
- Structure -- columns & rows
- Structure -- keys
- Data manipulation
- Constraints
- SQL concepts
- Triggers
- Table space design
- Schemas

5. PERSPECTIVES IN DB2

- System Administrator's perspective and role
- Database Administrator's perspective and role
- Developer's perspective and role
- Health Center

6. PARTITIONING

- Database
- Table