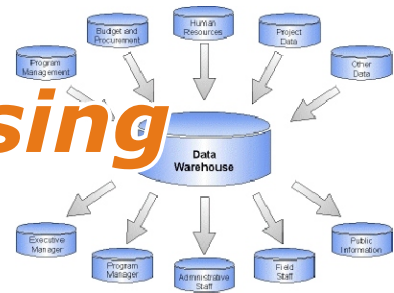




Data Warehousing



Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development, working with TOP CMM level 5 companies (Project Leader /Project Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.



Projects

CMM (Capability Maturity Model) level Project Standard:-

The Capability Maturity Model (CMM) is a method for evaluating the maturity of organizations on a scale of 1 to 5. Get the Opportunities to work on Client Projects Of US/UK, which follow the all standard of CMM level 5 Company.



Data Warehousing

SUMMARY: PLATFORM:

Multi-platform: DB2 UDB for z/OS & OS/390, DB2 UDB for Linux/UNIX/Windows, Oracle and SQL Server.

After briefly reviewing DW and BI terms and concepts, the lecturer will develop an understanding of how to use the statistics, analytic and OLAP features in a BI environment. The main features of this presentation are examples, intensive hands-on exercises, best practices and performance considerations.

AUDIENCE: Data warehouse and BI developers, data warehouse architects and DBAs.

PREREQUISITES: Completion of our 'Data Warehousing Terms, Concepts & Architecture' (DWHTCA) course or equivalent knowledge.

DURATION: 2 days

OBJECTIVES: Upon completion of this presentation, the participant should be able to code efficient SQL queries to meet both single and multidimensional business requirements.

COURSE CONTENT:**1.SUMMARY DATA WAREHOUSE (DW) TERMS & CONCEPTS**

- Rationale and beneficiaries
- DW architecture (including BI considerations)
- Data warehouse vs. data mart
- Metadata
- Normalization vs. denormalization
- Integrity constraints
- Schema types
- DW objects (logical vs. physical)
- Hardware considerations
- Partitioning and parallelism options
- Indexes
- Summary tables
- Extract, Transform, Load (ETL)

2.STATISTICS & ANALYTIC QUERY OPTIONS

- Rationale
- AVG
- CORRELATION
- COUNT/COUNT_BIG
- COVARIANCE
- MAX
- MIN
- RAND
- STDDEV

SUM
VARIANCE
Workshop

3.ONLINE ANALYTICAL PROCESSING (OLAP) QUERY OPTIONS

Rationale
RANK
DENSE_RANK
ROW_NUMBER
PARTITION BY
ORDER BY
ROWS
RANGE
GROUP BY
GROUPING
ROLLUP
CUBE
OVER
Workshop

4.COMMON BUSINESS SCENARIOS

Retail
Finance
Sports
Advertising
Office supplies