

## DATAWAREHOUSING FUNDAMENTALS

- What is Data warehouse?
- Characteristics of Data warehouse.
- What is Data warehousing?
- Principles of Data warehouse.
- Benefits of DWH.
- What is Online transactional systems (OLTP)?
- Difference between OLTP and DWH.
- Architecture of DWH.
- Approaches of Data warehousing.
- Normalization and Denormalization.
- DWH Lifecycle
- Data Modeling
- Dimension table
- Fact Table
- Aggregate table
- Schemas
- Star schema
- Snowflake schema
- Types Of Fact Tables:
- Cumulative
- Snapshot
- Fact less Fact
- Types Of Facts
- Additive
- Semi Additive
- Non Additive
- Confirmed Dimension
- Confirmed Fact
- Degenerated Dimension
- Casual Dimension
- ODS
- Cube
- Hierarchies
- Slowly changing Dimension Concepts
- OLAP's

## Erwin

- Getting Started
- Erwin Workplace
- Model Explorer
- Dockable Toolbars
- Stored Display Tabs
- Basic Data Model Objects
- Identifying
- Non-identifying
- Display Levels
- Subject Area
- Indexes