Data Warehousing Concepts with Informatica

Data Warehousing Concepts:
- ❖ Introduction to Data Warehouse.
- ❖ OLTP & OLAP Databases.
- ❖ Data Warehouses and Data Marts and its Characteristics.
- ❖ Concepts of Dimensional Modeling.
- ❖ Concepts of Designing Star Schema, Snowflake Schema.
- ❖ Dimension Tables, Fact Tables and its Characteristics.
- ❖ Primary Key and Surrogate Key, Foreign Key concepts.
- ❖ Slowly Changing Dimensions and its different types.
- ❖ Staging area and Repository Concepts for Data Warehouse.
- ❖ Granularity and Subject Orientation in the Data Warehouse.
- ❖ Dimensional Modeling Concepts

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- ❖ Introduction to ETL Process. Process of building data warehouse. Loading Slowly Changing Dimensions. Introduction to Informatica Basic terms, concepts and definitions. Components of Informatica.
- ❖ Informatica Repository Manager.
- ❖ Creating Users.
- ❖ Granting Privileges
- ❖ Creating Repositories
- ❖ Notification Messages
- ❖ Relational Informatica Designer.
- ❖ Introduction to Designer
- ❖ Understanding Designer Interfaces
- ❖ Designer Tools
- ❖ Informatica Design Process
- ❖ Introduction Methods of Source Analysis
- ❖ Flat File Analysis
- ❖ Defining Sources
- ❖ Creating Target Object Definitions
- ❖ **Mapping designer.**
- ❖ Introduction to Mapping
- ❖ Working with Mappings
- ❖ Informatica Design Process
- ❖ Source Qualifier
- ❖ Ports
- ❖ **Transformations.**
  Filter Transformation. Expression Transformation.
  Sequence Generator Transformation.
  Rank Transformation.
  Router Transformation.
  Aggregator Transformation.
  Joiner Transformation.
  Workflow Manager
- ☐ Introduction to Workflow
- ❖ Tasks
- ❖ Workflow Manager Tools
- ❖ Connections
- ❖ Defining Tasks