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🛠 ETL TESTING TRAINING

✅ **ETL TESTING TRAINING ONLINE AND CLASSROOM**

This is a very important aspect of software testing phase and students will be enlightened about the need of Data Warehousing. Furthermore, students will be introduced to the concepts of ETL, OLAP and OLTP systems along with a holistic description of the Data Warehouse architecture. Operational Data Store (ODS) also happens to be a very important part of this course and Data Marts are also introduced. Dimension Modelling holds a very strong relevance in the field of software testing. Few more concepts which are covered under this ETL Testing program are Snowflake Schema, Star Schema, Dimension table, fact table, De-Normalization and Normalization.

ETL TESTING COURSE MODULES

ORACLE BASICS & CONCEPTS

✔ DBMS	✔ OLAP, ROLAP, MOLAP	✔ JOINS AND DIFFERENT TYPES
✔ RDBMS	✔ METADATA	✔ VIEWS N MATERIALIZED VIEWS
✔ DBMS Vs RDBMS	✔ DDL,DML,DCL	✔ INDEX
✔ Why Database Required	✔ BASIC ADMIN ACTIVITIES	✔ CONSTRAINTS
✔ Different Types Of Databases And	✔ DATATYPES	✔ REFERENTIAL INTEGRITY
Difference	✔ TABLES	✔ PARTITIONING
✔ ASCII Vs UNICODE	✔ SQL ,SUB QUERIES,CORELATED SUB	✔ PERFORMANCE TUNING
✔ PL/SQL Basics	QUERY	✔ DIFFERENT TYPES OF TECHNIQES
✔ Oracle Architecture	✔ INNER QUERY,OUTER QUERY	✔ DATABASE SCHEMA
✔ Diff B/W Database & Files	✔ FUNCTIONS AND TYPES AND	
✔ OLTP	IMPORTANCE	

DWH CONCEPTS

✔ WHAT IS DWH ?	✔ DM Vs DWH	✔ NORMALIZATION
✔ WHY WE REQUIRE THAT ?	✔ DATA CLEANZING	✔ ODS
✔ ARCHITECTURE	✔ SCRUBING	✔ STG AREA
✔ DATA MART And TYPES	✔ DATA MASKING	✔ DSS

ETL TESTING COURSE CONTENTS

✔ Diff B/W OLTP Vs ODS,OLAP Vs DSS	✔ FACTS	✔ STAR SCHEMA,SNOWFLAKE
✔ DIMENTION MODELING	✔ AGGREGATES	SCHEMA,GALAXY SCHEMA,FCS
✔ DIMENSIONS	✔ DWH SCHEMA Designing	✔ SLOWLY CHANGING DIMENSIONS
✔ INITIAL LOAD	✔ FULL LOAD	✔ SCD TYPE1,TYPE2,TYPE3
✔ INCREMENTAL LOAD	✔ CDC- Change Data Capture	✔ FAQ'S

ETL TESTING CONCEPTS

✔ Introduction Of ETL-Extract,Transform,Load	✔ SDLC Vs STLC	✔ How To Prepare Queries Very Quickly With The Help Of Mapping
✔ ETL TOOLS And Diff Types Of ETL Tools	✔ Reverse Engineering	
	✔ QC(Quality Center And BugZilla)	✔ Performance Tuning And Performance Testing,Report Testing,UI Testing
✔ ETL ARCHITECTURE	✔ Roles And Responsibilities	
✔ ETL TESTING AND WHY WE REQUIRE	✔ Minus,Duplicate,Count,Intersection,Etc...	✔ Quality And Different Standards That Tester Should Follow,Why?
	✔ Detect Defects	
✔ DIFFERENT ETL TOOLS ARCHITECTURES	✔ Defects Logging And Reporting	
✔ SDLC And Methods/Models		✔ Testplan Preparation
✔ STLC And Methods/Models		✔ Testcases Preparation
		✔ Preparation Of Test Data
		✔ Process Of ETL Testing

TESTING CONCEPTS

✔ Whitebox Testing	✔ Smoke Testing Vs Sanity Testing	✔ Module Testing
✔ Testing	✔ User Testing	✔ System Testing
✔ Gray Box Testing	✔ Testing	✔ UAT
✔ Testing	✔ Intigration Testing	

ETL TOOL AND TESTING

✔ Data Extract	✔ Workflows,Worklets	✔ Importance Of ETL Testing
✔ Data Transform	✔ Transformations,Functionalities,Rules And Techniques	✔ Creating Of Mappings,Sessions,Workflows
✔ Data Load		
✔ Import Source	✔ Import And Export	✔ Running Of Mappings,Sessions,Workflows
✔ Import Target	✔ Coping And Rules	
✔ Mappings,Maplets	✔ Queries Preparation Based On Transformations	✔ Analyzing Of Mappings,Sessions,Workflows
		✔ Tasks And Types