

MIND Q SYSTEM

Leaders in Training

ETL TESTING

Data warehousing Overview

ETL DEV. TOOLS OVERVIEW

Reporting Tools overview

DATABASE TOOLS

OVERVIEW ETL TESTING

OVERVIEW

Data warehousing Overview

Data warehousing Concepts

Introduction to data warehousing

Architecture of Data Warehousing

- What is Data Ware House?
- Difference between OLTP and OLAP

Data Acquisition

- Data Extraction
- Data Transformation
- Data loading
- Data mart/ Data Warehouse

DataBase Design

- Data Modeling
- What is Fact table, Dimension table,etc
- Star Schema
- Snow Flake Schema

SCD (slowly changing dimension)

- Type-1 SCD
- Type-2 SCD
- Type-3 SCD

ETL Testing with Informatic PowerCenter

- SAMPLE Loading from source to target
- SORTER Transformation
- FILTER Transformation
- ROUTER Transformation
- EXPRESSION Transformation
- JOINER Transformation
- UNION Transformation
- AGGREGATOR Transformation
- RANK Transformation
- Flat File
- Look up Transformation
- Update Strategy
- XML Source Qualifier
- Types of load (Full, incremental, Refresh)

BI Testing with TABLEAU(Reporting tool)

Introduction to Report Testing

Types of Reports

GUI Validation for Reports

DATABASE TOOLS OVERVIEW

- Introduction to data base management
- Oracle,teradata,hadoop(bigdata)
- Architecture of Data bases
- Advantages of RDBMS and HADOOP
- SQL in rdbms database

Introducing Big Data(HADOOP)

- Apache Hive
- Hadoop distributed file system (HDFS)
- Apache Pig
- Hbase
- sqoopsss

SQL

- SQL fundamentals
- DDL Statements
- DML Statements
- Logical operations
- Arithmetic operations
- Group & Aggregation functions
- String functions
- Set Operators (Union, Intersect, Minus)
- Inner join
- Outer Join
- Self Join
- Cross Join

ETL TESTING OVERVIEW

Importance of ETL Testing

Responsibilities of ETL Tester

Different approaches for ETL Testing

ETL testing workflow process

How to prepare queries using Transformation rules

How to prepare ETL Test Plan

Diff Types of ETL Testing methods

How to prepare check list

How to design Test Cases static/dynamic

How to prepare Test data for test cases

How to execute ETL Test Cases with sql

Defect Tracking and Reporting

Types of defect in ETL Testing

Challenges in ETL Testing

How to detect bugsthrough queries

FAQs, RESUME PREPERATION,

INTERVIEW ORIENTATION

MIND Q SYSTEMS

2nd Floor, Above HDFC Bank, S.R. Nagar, Hyderabad - 500 038.

Email: info@mindqsystems.com, www.mindqsystems.com

For Details Call: 90144 00168, 04066664291 / 92, 65544295