

# ETL

## COURSE CURRICULUM



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### 1. TESTING CONCEPTS

Severity, Priority  
Attachments (Test Evidence)  
Pass/Fail Associated Test Cases

### 2. DATABASE CONCEPTS

Database, Schema, Instance

### 3. BASIC SQL

DISTINCT, WHERE, ORDER BY  
INSERT INTO, DELETE  
MIN, MAX, LIKE  
JOINS

### 4. MID-LEVEL SQL

GROUP BY, UNION, UNION ALL  
HAVING, EXISTS  
CONSTRAINTS, INDEX  
DROP, TRUNCATE, ALTER

### 5. ETL CONCEPTS

Staging  
Target  
Transformation  
ETL Scenarios

### 6. DATA WAREHOUSE CONCEPTS

Star & Constellation Schema  
Normalized & Denormalized Data  
Partitions  
Types of Slowly Changing Dimensions (SCDs)  
Facts / Dimensions / Measures  
SSRS Reports  
OLAP Cube

### 7. ADVANCED ETL-SQL CONCEPTS

CASE, RANK(), DENSE\_RANK(), ROW\_NUMBER  
Common Table Expressions (CTEs)  
Linked Servers  
User Defined Functions (UDFs)  
Scalar Functions  
Stored Procedures  
Analytical Functions

## **8. REAL-WORLD PROBLEM STATEMENTS**

2 to 3 Business Use Cases

## **9. PROJECT DIAGRAMS & DATA FLOWS**

2 to 3 Diagrams with Flow Explanation

## **10. DATA BUILD TOOL (DBT)**

Brief Working Knowledge of DBT Tool

## **11. POWER BI**

Working Knowledge of Power BI for Reporting

## **12. SNOWFLAKE DATA CLOUD**

Hands-on or Conceptual Knowledge of Snowflake

## **13. AWS MAJOR SERVICES**

Introduction to Core AWS Services Used in ETL\

## **14. INTERVIEW PREPARATION**

Tips, Revisions, Mock Q&A, and Real-Time Scenarios

INFOTEKH

# Thank you



**Thank You for Going Through ETL Curriculum**  
**We hope this guide has provided a clear and structured learning path**  
**to strengthen your skills in ETL.**

## **NEXT STEPS**

- Start practicing with real-world use cases and hands-on exercises
- Build personal or client-based projects for your portfolio
- Keep exploring updates and best practices in the industry
- Join discussions and stay connected with the community

 **Need Help or Guidance?**

**Feel free to contact our course support team:**  
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