ETL Course Content

1. Testing Concepts
   Severity, priority, attachments (test evidence), pass/fail associated test cases.
2. **Data Base Concepts**
   Data Base, 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 Ware House Concepts**
   - Star7 Constellation schema
   - Normalised & Denormalised Data
   - Partitions
   - Types of SCDs
   - Facts/Dimensions/Measures
   - SSRS Reports
   - OLAP Cube
7. Advanced ETL-SQL Concepts
   - Case, Rank(), Dense_Rank(),Row_Number, CTE,
   - Linked Servers
   - UDF
   - Scalar Functions
   - Stored Procedures
   - Analytical Functions
   - Common Table Expressions
8. 2-3 Problem Real world Statements
9. 2-3 Project Diagrams and data flow
10. Data Build Tool (DBT) ETL tool brief working knowledge
11. Power BI working knowledge
12. Snowflake Data Cloud working knowledge
13. AWS major services
14. Interview Preparation