**BANKING PROJECT**

For SQL Server T-SQL Developers

Requirement:

You will be given a Database Diagram for a Banking Environment along with description.

You are requested to perform all possible SQL Development operations based on the given requirement.

The complete project includes 1600 to 2400 Lines of Code. Ranging from DB Creation, Schema Creation, Tables Creation, Relationships, Data Insertions (Test Data for Data Validations only).

Then write queries based on a set of given requirements from Reporting Clients.

Finally write Programs [Stored Procedures with Views, Triggers & Functions in a Transaction Environment] for automate Data Insertions based on the Validation Logic.

The complete project is divided into multiple Phases as per your course plans:

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| **T-SQL Plan A** | Phase 1 | Involves design of the Database + Schemas + References + Data Validations |
| Phase 2 | Involves Query Design, Basic Level Query Tuning including Pivots, Functions |
| Phase 3 | Involves Programming with SPs, Functions, Triggers, Views, Transactions.... |
| T-SQL Plan B | Phase 4 | Involves In-depth analysis & optimization of each DB Object, Query,Program |
| T-SQL Plan C | Phase 5 | Involves Database Migration to Azure Cloud. Sandbox Testing Operations. |
| Phase 6 | Involves Azure SQL Database Data Loads, Tests & Query Tuning |
| Phase 7 | Involves Azure SQL Database Monitoring and XEL Files, Query Store, etc.. |