**BASIC**

* Difference between DBMS and RDBMS
* Configuration of SQL Server
* Database Designing Concept
* select queries (inbuilt functions)
* select queries (Ranking functions, dealing with NULL)
* Select queries(case, joins, subquries, built in functions)
* Tables (Table creation , Views, Derived tables, CTE, Apply operator)
* Set operator(UNION, except, Intersect)
* Pivot, Unpivot, Grouping,Grouping Functions
* Modification (Insert, update, delete, merge)

**Programming**

* Variables, Flow elements, Cursors, Dynamic SQL
* Functions, Procedures, Triggers
* Indexes
* Transactions (Locking, Blocking, Isolation levels)
* Error Handling
* Security (Authentication and Authorization)

**Advance**

* Encryption
* SQL injection
* Performance tuning
* Read Execution Plan
* Use Of Profiler