1. Date related functions
2. Window functions
3. CTE
4. Recursive CTE
5. Hierarchical data
6. Pivot unpivot
7. Stored procedure
8. UDF
9. Join dissection
10. Many to many relation dissection
11. Tree structure in database table
12. While loop and for loop
13. Exception handling
14. System stored procedures
15. User defined data types (do they exist?)
16. Performance Turning
17. Basic execution plan in T-SQL