

WEEK 1			
Date	Topics	Contents	Pre-Reads
1/2/2021	SQL	What is SQL Server Explore an SQL Server Sample Database Data definition - Create ,Alter , Drop , Truncate, Select Into, Rename & Synonym Constraints - PK , FK , Null, UNIQUE constraint , CHECK constraint Querying data - Selecting, Sorting , Limiting ,Filtering Modifying data - Insert, Update , Delete & Merge	https://www.sqlservertutorial.net/getting-started/what-is-sql-server/ https://www.sqlservertutorial.net/sql-server-basics/sql-server-create-table/
2/2/2021		Joining tables - Inner, Left, Right , Inner, Full Outer, Cross , Self Grouping data - GroupBy, OrderBy, Grouping sets, Cube, Rollup Subquery - Subquery, Correlated subquery,Exists , Any and All Set Operators - Union , Intersect , Except Common Table Expression - CTE & Recursive CTE Pivot	https://www.sqlservertutorial.net/sql-server-basics/sql-server-joins/
3/2/2021		Indexes - Clustered,Nonclustered, Rename, Enablr , Disable, Drop , Filtered Expressions - CASE, COALESCE ,NULLIF SQL Server Views Useful Tips - Find duplicates, Delete duplicates Performance Tuning - Query analysis - Query filters, WHERE and JOIN ,Using constraints ,Execution plan , logical I/Os	
4/2/2021	MongoDB	Introduction to DB.Collection and mongo CRUD Operations Difference between CRUD and CRUD Many Projection Embedded Document Working with arrays	https://medium.com/@jinalshah999/introduction-to-mongodb-and-basic-crud-operations-a406452b83e9
5/2/2021		Fetching data from structured data Schema types Relationship between data Embedded and reference methods	https://medium.com/@rinu.gour123/mongodb-data-modeling-with-document-structure-a6e69de8e37f