Part-1

- General Setup along with understanding of Explain Plan
- Introduction and few handy SQLs
- Histogram and Cardinality algorithm
- Join Methods
- Deep Down B-Tree Index Concepts
- B-Tree Index Scan Methods
- Deep Down Bitmap Index Concepts
- Bitmap Index Scan Methods
- Table Cluster and Cluster Indexs
- Table Partition and Partition Indexes
- Deep Down IOT Concepts
- Optimizers Statistics Concepts
- Deep Down Optimizer Hints
- Database Optimizer Parameters
- AWR, ADDM, ALERTLOG
- Database Optimized Sizing

Part-2

- RAM and SQL Tuning
- Tuning with Parallel SQL execution
- SQL Tuning with Views
- Tuning SQL with Object Reorganization
- Tuning SQL Sort Operations
- Tuning Object Oriented SQL
- Tuning SQL Sub Queries
- Troubleshooting SQL
- SQL Tuning & the Library Cache
- Time Series SQL Tuning
- Oracle DML tuning
- Oracle SQL tuning Advisors
- Oracle SQL Advanced Analytics