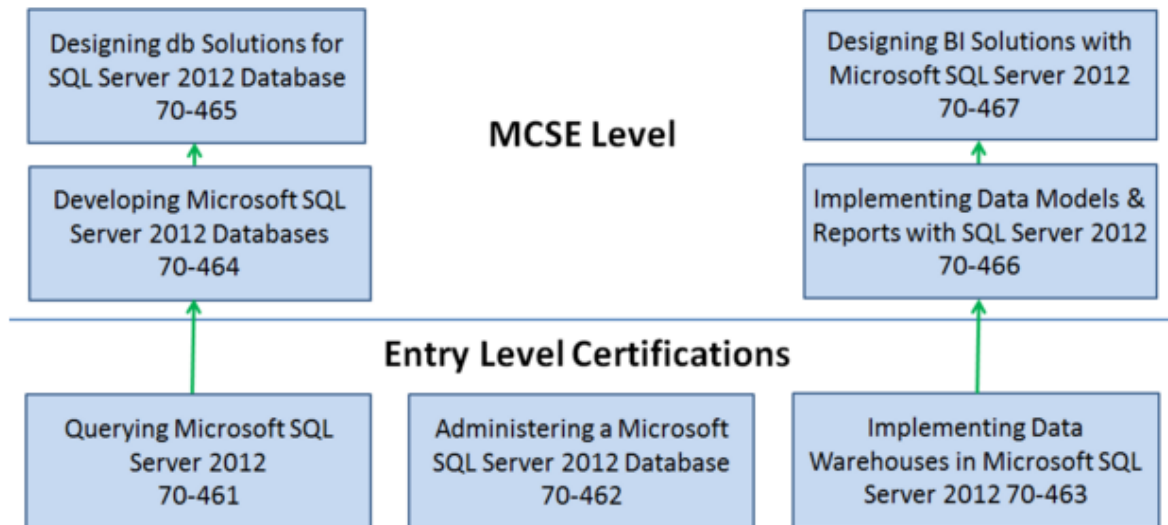


MS-SQL SERVER 2012

Duration 120 Hours



Module: 1 SQL SERVER-461(Developer)

Module: 2 SQL SERVER-462(Administration)

Module: 3 SQL SERVER-463(Warehousing)

Module: 1 SQL SERVER-461(Developer)

Course Outline

- Introduction to Microsoft SQL Server 2012
- Introduction to T-SQL Querying
- Writing SELECT Queries
- Querying Multiple Tables
- Sorting and Filtering Data
- Working with SQL Server 2012 Data Types
- Using DML to Modify Data
- Using Built-In Functions
- Grouping and Aggregating Data
- Using Subquerie, Using Table Expressions
- Using Set Operators, Using Window Ranking
- Offset, and Aggregate Functions
- Pivoting and Grouping Sets, Executing Stored Procedures
- Programming with T-SQL, Implementing Error Handling
- Implementing Transactions
- Improving Query Performance
- Querying SQL Server Metadata

Module: 2 SQL SERVER-462(Administration)

Course Outline

- Introduction to SQL Server 2012 Database Administration
- Installing and Configuring SQL Server 2012
- Working with Databases and Storage
- Planning and Implementing a Backup Strategy
- Restoring SQL Server 2012 Databases Importing and Exporting Data
- Monitoring SQL Server 2012
- Tracing SQL Server Activity
- Managing SQL Server Security
- Auditing Data Access and Encrypting Data
- Performing Ongoing Database Maintenance
- Automating SQL Server 2012 Management
- Monitoring SQL Server 2012 by Using Alerts and Notifications

Module: 3 SQL SERVER-463(Warehouse)

Course Outline

- Introduction to Data Warehousing
- Planning Data Warehouse Infrastructure
- Designing and Implementing a Data Warehouse
- Creating an ETL Solution with SSIS
- Implementing Control Flow in an SSIS Package
- Debugging and Troubleshooting SSIS Packages
- Implementing a Data Extraction Solution
- Loading Data into a Data Warehouse Enforcing Data Quality
- Master Data Services
- Extending SQL Server Integration Services
- Deploying and Configuring SSIS Packages
- Consuming Data in a Data Warehouse