10988: Managing SQL Business Intelligence Operations (SQL Server 2017)

Course Details

Course Outline

1. **Introduction to Operational Management in BI Solutions**
   - Rationale for BI Operations
   - Roles in BI Operations
   - Technologies Used in BI Operations
   - Environment and Operational Standards
   - o **Lab : Introduction to Operational Management in BI Solutions**

2. **Configuring BI Components**

. **The Importance of Standardized Builds**
   - Configuration Considerations for BI Technologies
   - BI Architectures
   - SharePoint BI Environments
   - o **Lab : Configuring BI Components**

3. **Managing Business Intelligence Security**
   - Security Approach to BI Solutions
   - Security Components
   - Security Approach for BI Components
   - The Security Approach in Different BI Environments
   - o **Lab : Managing Business Intelligence Security**

4. **Deploying BI Solutions**
   - Application Life Cycle Management for BI Solution
   - Stand-Alone Deployments
   - Team-Based Deployments
   - o **Lab : Deploying BI Solutions**

5. **Logging and Monitoring in BI Operations**
   - The Need for Logging and Monitoring

- Logging Options
- Monitoring Options
- Setting Up Alerts
- o **Lab : Monitoring BI Solutions**

6. **Troubleshooting BI Solutions**
   - Troubleshoot Failed BI Solutions
   - Troubleshooting the Data Warehouse
   - Troubleshooting SQL Server Analysis Services
   - Troubleshooting SQL Server Reporting Services
   - o **Lab : Troubleshooting BI Solutions**

7. **Performance Tuning BI Queries**
   - The Need for Performance Tuning
   - BI Queries to Performance Tune
   - Tools for Performance Tuning
   - Remediating Performance Issues
   - o **Lab : Performance Tuning a BI Solution**