



KKAR Technologies

...Career Through opportunities

Data warehousing & Business Intelligence

Introduction to Data warehousing & Business Intelligence SQL Server 2008R2 Business Intelligence

- ✓ SQL Server 2008R2 Integration Services (SSIS)
- ✓ SQL Server 2008R2 Analysis Services (SSAS)
- ✓ SQL Server 2008R2 Reporting Services (SSRS)
- ✓ SSIS Package Architecture Overview
- ✓ What is MSBI, BI/DWH Life Cycle
- ✓ ETL and OLTP Tools
- ✓ Features of MSBI
- ✓ Development and Management Tools
- ✓ The Import and Export Wizard
- ✓ SSIS installation
- ✓ SSIS Architecture
- ✓ SSIS Wizard
- ✓ Control Flow Tasks
- ✓ Data Flow Task
- ✓ Errors and Debugging SSIS
- ✓ Manually Executing SSIS Package
- ✓ Scheduling SSIS Package
- ✓ Importing and Exporting Packages
- ✓ Monitoring and Optimizing Packages
- ✓ Reporting Services Architecture
- ✓ Creating Reports from Scratch
- ✓ Creating Groups and Calculating Totals and Percentages
- ✓ Interactive Sorting, Creating Drill-Down Reports
- ✓ Basic Storage: MOLAP
- ✓ Customized Aggregations
- ✓ Advanced Storage: MOLAP, HOLAP, or ROLAP
- ✓ Implementing Proactive Caching
- ✓ Using Partitions: Relational or SSAS
- ✓ Cube and Dimensions Processing Options
- ✓ Understanding the Calculations Sub tab
- ✓ Adding Calculated Members
- ✓ Adding MDX Scripts



KKAR Technologies

...Career Through opportunities

- ✓ Adding Named Sets
- ✓ Implementing SSAS Security
- ✓ Implementing XMLA Scripts
- ✓ Understanding SSAS Backup and Restore
- ✓ Understanding Performance Optimization
- ✓ Using SQL Server Reporting Services
- ✓ SSRS Web Services
- ✓ Report Server
- ✓ Report Builder
- ✓ Data sources: SQL Server, Oracle, OLE DB
- ✓ Tabular, Matrix
- ✓ Constructing data sources and Datasets
- ✓ Inserting a data region, fields and images
- ✓ Integrating expressions in properties
- ✓ Applying conditional formatting
- ✓ Adding images
- ✓ Grouping to multiple levels
- ✓ Employing aggregate functions
- ✓ Mapping report parameters to query parameters
- ✓ Building cascading report parameters
- ✓ Passing parameters to stored procedures
- ✓ Exploiting multivalve parameters
- ✓ Enhancing performance with filters
- ✓ Filters vs. query parameters
- ✓ Localizing tables and queries
- ✓ Utilizing sequential and nested regions
- ✓ Producing master/detail reports
- ✓ Linking sub reports
- ✓ Displaying related data with drill through
- ✓ Navigating with document maps
- ✓ Preparing reports for publishing
- ✓ Configuring project properties
- ✓ Units of deployment: Individual reports, projects, solutions, data sources
- ✓ Checking results with Report Manager
- ✓ Storage topics – basic aggregations, MOLAP
- ✓ Advanced Storage Design – MOLAP, ROLAP, HOLAP
- ✓ Partitions – relational and Analysis Services partitions
- ✓ Customizing Aggregation Design - Processing Design



KKAR Technologies

...Career Through opportunities

- ✓ Rapidly changing dimensions / ROLAP dimensions
- ✓ Assigning users to roles
- ✓ Setting permissions on report items
- ✓ Granting and revoking system-level permissions
- ✓ Deploying Report Builder to users
- ✓ Dragging and dropping entities onto charts and tabular reports
- ✓ Navigating data with infinite drill through