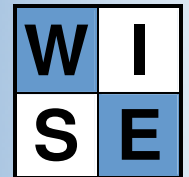
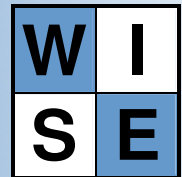


# Data Warehouse & Business Intelligence New SQL Server 2005 Features



WISE LTD.

- COURSE CODE:** SQSDWI
- COURSE TITLE:** Data Warehouse & Business Intelligence New SQL Server 2005 Features
- AUDIENCE:** BI/DW executives, database administrators, data architects and ETL specialists.
- PREREQUISITES:** DTS 2000, SQL Server 2000 or equivalent knowledge.
- DURATION:** 1 day
- LEVEL:** Executive
- SUMMARY:** This presentation gives a high-level summary of SQL Server 2005's new, changed and enhanced features, specific to business intelligence/data warehousing; examples and limited hands-on are used to assist clarity.
- OBJECTIVES:** Upon completion of this presentation, the delegate should be conversant with the 'Core Topics' that follow.



### 1. UNIFIED DIMENSIONAL MODEL (UDM)

- Introduction
- End-user use and benefits
- Accessing data sources
- Analytics
- Architecture
- Security
- Examples

### 2. MULTIDIMENSIONAL EXPRESSIONS (MDX) SCRIPTING

- Introduction
- Usage concepts
- Examples
- Cubes and aggregates

### 3. DATA MINING

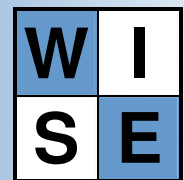
- Introduction
- Intelligent mining concepts
- Advantages of SQL Server 2005 features
- Interoperability with SQL Server Integration Services (SSIS)
- Typical BI solutions
- UDM considerations
- Application interface

### 4. XQUERY

- Introduction and usage
- XML data type
- XQuery expressions and operators
- Coding concepts
- Examples of usage

### 5. SQL SERVER ANALYSIS SERVICES (SSAS)

- Introduction
- Many-to-many dimensions
- Data integrity considerations
- Processing architecture
- Cubes
- MDX query usage
- Reports
- Drill-through
- Data mining features



### 6. REPORTING SERVICES

- Introduction
- Architecture
- Report creation
- Report Manager

### 7. SQL SERVER INTEGRATION SERVICES (SSIS)

- Scope and purpose
- SSIS vs. DTS
- Architecture
- Run-time engine and options
- Data Flow engine and options
- Connection adapters
- Tools
- Business Intelligence Development Studio (BIDS)
- Management Studio
- Packages
- Logging
- Precedence constraints
- Event handling
- Scripting
- Fuzzy Lookup/Fuzzy Grouping
- Deployment and security
- Sample transformation scenario