

* New topics for 2015 are highlighted in blue *

Application & Database Development

Topics:

- [Azure – DocumentDB](#)
- .NET Framework Integration
- Application Development Best Practices
- CLR (Common Language Runtime)
- Database Modelling / Database Design
- Developing Mobile SQL Applications
- Full Text Search (iFTS)
- [Column Store Indexes](#)
- Indexing
- LINQ
- Optimizing Queries / Execution Plans
- Service Broker
- SQL Server 2014 Features
- SQL Server Data Tools /Visual Studio / TFS / Source Control
- [SQL Server Projects / ALM](#)
- Transact SQL
- Web Services
- WMI / WQL
- XML

BI Information Delivery

Topics:

- Analysis Tools in Microsoft Office
- BI Client Reporting and Delivery - .NET Solutions
- BI Solutions Using Microsoft Visio
- Cloud BI / Hybrid BI Solutions
- Dashboards / Scorecards / Visualizations
- Data Mining
- [Data Storytelling](#)
- Excel / Excel Services
- Mobile BI
- [Power BI – Power Map](#)
- [Power BI - Power Pivot](#)
- [Power BI - Power View](#)
- [R](#)
- Report Builder
- Self-Service BI
- SharePoint / PerformancePoint
- SSRS – Administration / Installation / Configuration / Hardware / Security
- SSRS – Delivery Features
- SSRS – Designing and Creating Reports

BI Platform Architecture, Development & Administration

Topics:

- [Azure Data Factory](#)
- [Azure HD Insight](#)
- [Azure Machine Learning](#)
- [Azure Stream Analysis](#)
- BI / DW Best Practices Using the Microsoft BI Framework
- BI Concepts and Architecture
- [BIML](#)
- Big Data Solutions
- [Data Mining / Predictive Analytics](#)
- [Data Modeling \(Dimensional / Tabular\)](#)
- Data Quality Services
- Enterprise Data Warehouse Solutions
- Master Data Management
- MDX and DAX
- New 2014 BI Architecture, Development & Administration Features
- [Power BI \(Data Management Gateway / Admin / Power Query\)](#)
- PDW
- SSAS – Advanced Tips and Tricks
- SSAS – Building and Deploying Solutions
- SSAS – Enhanced Features
- SSAS – Installation / Configuration / Hardware / Security
- SSIS – Building and Deploying Solutions
- SSIS – Development
- SSIS – Maximizing Performance / Performance Tuning
- SSRS – Administration / Installation / Configuration / Hardware / Security
- SSRS – Delivery Features
- SSRS – Designing and Creating Reports

Enterprise Database Administration & Deployment

Topics:

- [Azure SQL Databases](#)
- [Azure Virtual Machines \(IaaS\)](#)
- Backup / Restore, Disaster Recovery
- Capacity Planning
- Database Maintenance
- Database Management Views (DMVs) / Information Schema Views and Functions (DMFs)
- Hardware, Storage
- High Availability: Availability Groups / Mirroring / Clustering / Replication
- [Hybrid-solutions](#)
- In-Memory Solutions
- Installing / Upgrading SQL Server
- Internals: Storage Engine / Query Engine / Compression
- Management Tools
- Memory Management
- New SQL Server 2014 Features
- [Performance Monitoring / Tuning / Extended Events / Waits](#)
- Policy Based Management
- PowerShell
- SMO
- [Query Plans / SQL Server Statistics](#)
- Scalability
- [Security / Encryption / Auditing / Compliance](#)
- Virtualization / Consolidation
- VLDB (Very Large Databases)

Professional Development

Topics:

- Agile Development Practices
- Career Development
- Certification
- Consulting
- Job Search
- [Handling High Stress Situations](#)
- Leadership / Team Management / Team Building
- Networking / Social Networking
- Project Management
- Running a Successful Community Event
- Strategic IT Planning / Increasing ROI of IT
- [Teaching Kids about Data](#)
- Technical Writing
- Women in Technology (WIT)
- Work-Life Balance