



#212 | REDMOND 2013



<http://software.dell.com/resource-center-for-sql-dba>



<http://www.profisee.com/>

Start Time	Capitol Hill (2003)	Montlake (2007)	Pioneer Square (2011)	Queen Anne (2015)
7:30 am – 8:30 am	Registration			
8:30 am - 9:30 am	Peace of Mind: Making DBCC CHECKDB Go Faster	SRS Report Builder for Business Intelligence	SQL Server Waits reveal which of your statements most need tuning	SQL Server Upgrade Strategies
9:30 am – 9:45 am	Break			
9:45 am – 10:45 am	Unblock yourself -- Optimistic concurrency in Hekaton	"I've got the Power" with PowerBI and the PASS Community!	Common TSQL Mistakes	Inside and out of Transactional Replication
10:45 pm - 11:00 am	Break			
11:00 am – 12:00 am	Automating Execution Plan Analysis	SSIS project deployments with multiple developers	Practical Fundamentals of Query Performance Tuning	Backup and Recovery Basics
12:00 PM – 1:30pm	Free Lunch			
12:15 pm - 12:45 pm	Presentation by John McAllister of Profisee, Inc			
12:45 pm – 1:15 pm	Presentation by Trent Mera of Dell			
1:30 pm – 2:30 pm	Alice's SQL Server DBA Training Plan	SSIS - manage concurrent processing using SQL Server Broker	SQL Aggregation Queries Tips and Tricks	DBA Code Reviews Done Dirt Cheap
2:30 pm – 2:45 pm	Break			
2:45 pm – 3:45 pm	Columnstore Indexes in SQL Server 2014: Flipping the DW Faster Bit	Data Mining in the Microsoft Stack	T-SQL - Temporary Objects	Master Data Management - Getting Started with SQL Server MDS
3:45 pm – 4:00 pm	Break			
4:00 pm – 4:30 pm	(Must be Present to win) Raffle's and Door Prizes (Must be Present to win)			



<http://www.confio.com/>

Capitol Hill - 2003

	Speaker	Title
08:30 AM	Argenis Fernandez	Peace of Mind: Making DBCC CHECKDB Go Faster Along with backups, consistency checks are arguably the two most important tasks that DBAs need to perform regularly. Our databases are getting bigger every day, and CHECKDB run times, along with its performance impact to Production systems, keep increasing. In this session we discuss how to improve your system so that you can reduce the time that it takes to run CHECKDB or the individual DBCC CHECK* commands. We will cover topics like Transaction log and VLF management, tempdb configuration, trace flags, Resource Governor, and many more. ...
9:45 AM	Kalen Delaney	Unblock yourself -- Optimistic concurrency in Hekaton SQL Server 2014's In-Memory OLTP allows truly optimistic locking and no latching! In this session, we see how rows can be inserted, deleted and updated without the need for latches or locks.
11:00 PM	Joe Chang	Automating Execution Plan Analysis Many SQL Server performance issues can be solved with the information available from the DMVs, even if it is collected only after the problem occurred. But management might ask why something that was not an issue yesterday became an issue today i.e., who is to blame? On modern server systems with many powerful processors cores and massive memory, problems may be infrequent, but they do still occur. And so we may have neglected to collect and archive data on a routine basis. It is equally important to collect sufficient information to fully diagnose and a resolve a problem. ...
1:30 PM	Greg Larsen	Alice's SQL Server DBA Training Plan Congratulations on landing your first SQL Server DBA Job. Do you have a DBA Training Plan? In this presentation we will follow Alice as she steps into her first days as a new DBA. We will travel with Alice as she navigates through SQL Server Land following her DBA Training Plan. We will be watching Alice as she discovers, learns, and actually performs those typical tasks to maintain a SQL Server environment. In this presentation Alice will discover the following and more: • Monitoring your server • ...
2:45 PM	Jimmy May	Columnstore Indexes in SQL Server 2014: Flipping the DW Faster Bit Columnstore indexes were introduced in SQL Server 2012 & have been wholly re-architected & optimized for SQL Server 2014. Columnstore indexes are optimized for data warehouse workloads & are a hybrid technology leveraging the best of off-disk & in-memory capabilities. Transparent to the app, columnstore has been shown to render queries at sub-second response times which heretofore took many minutes or longer. This presentation includes an overview of SQL Server 2012 & a deep dive into SQL Server 2014 ...



Montlake – 2007

	Speaker	Title
08:30 AM	David Eichner	SRS Report Builder for Business Intelligence Learn how easy it is to utilize the free download from Microsoft that allows users to create maps, charts, dashboard objects and reports against any kind of data easily without having to use Visual Studio. See how SQL Report Builder makes creating executive dashboards easy!
9:45 AM	Scott Stauffer	"I've got the Power" with PowerBI and the PASS Community! Power Query Power Pivot Power Query Power Map Let's use public SQL Server community data to highlight capabilities of the Latest Microsoft BI Toolset
11:00 PM	Russ Loski	SSIS project deployments with multiple developers Before SQL Server 2012, it was easy to develop several SSIS packages in a project and deploy each package as you complete it. However SQL Server 2012 introduces the project deployment model. With its awesome features comes the limitation that you can no longer deploy a single package. You must deploy the whole project every time! How do you deploy a project that contains a mix of deployed packages, ready to deploy packages and packages in development? In this session I demonstrate common problems that arise in the package development lifecycle that affect project deployment. ...
1:30 PM	Piotr Palka	SSIS - manage concurrent processing using SQL Server Broker In this session we will do a case study for a typical situation in industries like telecommunication or healthcare. We have a stream of multiple relatively small files incoming from external system and we need to load them to SQL Server database in near-real-time. Typical examples are CDR billing files, HL7 diagnostic results or medical claims. ...
2:45 PM	David Lydston	Data Mining in the Microsoft Stack If you want to be a successful business intelligence analyst in today's market, you need to bring more to the table than fancy dashboards and drill through pivot tables. Now, you need sophisticated cluster analysis, decision-trees and bona fide product recommendations. In this session I'll show you where to find the free Microsoft tools that allow you to tap into these features of SQL Server Analysis Services 2008 R2 and beyond. After this session you will be able to create everything above without learning R, or stepping out of the Microsoft BI stack. ...



Pioneer Square – 2011

	Speaker	Title
08:30 AM	Trent Mera	SQL Server Waits reveal which of your statements most need tuning Abstract for 60 min session: In this session, I will show you how SQL Server Waits reveal which of your statements most need tuning. SQL Waits expose the specific workload generated by each statement running against your SQL Server. Methods for capturing this information will be shown, and ideas for aggregating and viewing the data over various time ranges will be discussed.
9:45 AM	Kevin Boles	Common TSQL Mistakes We are going to examine a variety of oopsies MANY developers fall prey too - some obvious, some pretty subtle and some down right sneaky! Lots of code examples with the bad AND good code presented. I GUARANTEE that you will find things here that will either prevent you from getting bad data, throwing unwanted errors or vastly improving your database application's performance. I have given this talk over FIFTY times now and it is always very highly rated!
11:00 PM	Vern Rabe	Practical Fundamentals of Query Performance Tuning Do you need to write some queries and not sure how to make sure they will perform well? Do you already have some poorly performing queries and don't know where to start to improve them? In this session I'll start with a little bit of optimizer basics, then show you how to avoid some query writing pitfalls that result in poor performance. I'll then show you how to read the execution plan and use other tools to help identify why a query is performing poorly, and how to fix it. ...
1:30 PM	Rick Morelan	SQL Aggregation Queries Tips and Tricks In your OLTP database you often need to find category or yearly totals. Most people are familiar with getting totals by using GROUP BY with an aggregate function. What if you want get market share reports like how each product is selling as it's percentage of the total category. You can combine aggregate functions with individual records without even using GROUP BY or nesting your queries. ...
2:45 PM	Richard Baumet	T-SQL - Temporary Objects When to use what when it comes to temp tables, table variables, CTEs and more! Developers have a lot of options but they are quite different. In this session we will go through the different types and look at the significant differences with the different options, you may think twice about what you choose!



<http://www.apexsql.com>



<http://sqlpass.org>

Queen Anne - 2015

	Speaker	Title
08:30 AM	Ron Talmage	SQL Server Upgrade Strategies Upgrading your SQL Servers requires planning and decision making. In this session you'll learn about the parameters for deciding the type of upgrade strategy to choose based on your system constraints. In addition, you'll learn about how to put together an upgrade checklist that includes workflow and inter-team handoffs that can guide the upgrade process.
9:45 AM	Chuck Lathrope	Inside and out of Transactional Replication Replication in SQL Server is great tool for scaling out your master database(s) onto other servers for reporting and remote site access with near real-time data propagation. In this session, I will cover LAN and WAN data replication tricks-of-the-trade to offload work from your master servers. Using these techniques, you can improve your performance and monitoring of your existing installations or gain knowledge and confidence to implement new solution for your company.
11:00 PM	Theresa Iserman	Backup and Recovery Basics As a DBA, two of your most important responsibilities are backing up data and knowing how to recover it. In this presentation, we'll talk about backup types, recovery models and recovery point objectives. I'll demonstrate backing up data and recovering it to a point in time. By the end of the session, you'll know what a copy-only backup is, when to take a tail-log backup and what it means to restore a database with no recovery.
1:30 PM	Robert Davis	DBA Code Reviews Done Dirt Cheap Do you know what code is going onto your production systems? How can you support something you haven't seen? Whether you currently do code reviews or think it might be a good practice to start doing, this session will help you make the most of the code review process. For DBAs, we'll cover key things to look for such as looking for potential problems. For developers, this will be insight for you into how DBAs think when reviewing your code so you have a better idea what to expect.
2:45 PM	John McAllister	Master Data Management - Getting Started with SQL Server MDS This session will provide an introduction to Master Data Management (MDM). We explore the basic concepts, types of MDM solution, and the basics for a successful MDM Implementation. With a working definition in hand, we'll discuss strategies for beginning a successful MDM pilot in your organization and look at some of the pitfalls to avoid. ...

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