Schedule is subject to change.

Monday, Nov 4, 2019 Pre-Conference Schedule

Room	6A	6B	6C	604	606	608	612	615	618	2AB	3AB
08:30 AM - 10:00 AM	SQL Server Administration Made Easy with dbatools Rob Sewell Level: 200	Performance Tuning With Query Store in SQL Server Erin Stellato Level: 300	Mastering T-SQL Querying Fundamentals Itzik Ben-Gan Level: 300	AI and Power BI: The Realm of the Impossible Leila Etaati Level: 200	Data Science in a Day: Preparation, Patterns, and Predictions Natasha Balac Level: 200	Architecting a Big Data Analytics Solution with SQL Server 2019 Kevin Feasel Level: 300	Advanced Virtual SQL Server Performance David Klee Level: 300	The SQL Server DBA's Guide to Docker Containers Edwin M Sarmiento Level: 300	The SQL Server 2019 Workshop Bob Ward Level: 300	Database Privacy and Security for Developers Ed Leighton-Dick Level: 200	Redgate SQL in the City Summit Seattle Steve Jones, Grant Fritchey... Level: 300
10:00 AM - 10:15 AM	Refreshment Break * (Pre-Function area)										
Room	6A	6B	6C	604	606	608	612	615	618	2AB	3AB
10:15 AM - 12:00 PM	SQL Server Administration Made Easy with dbatools Rob Sewell Level: 200	Performance Tuning With Query Store in SQL Server Erin Stellato Level: 300	Mastering T-SQL Querying Fundamentals Itzik Ben-Gan Level: 300	AI and Power BI: The Realm of the Impossible Leila Etaati Level: 200	Data Science in a Day: Preparation, Patterns, and Predictions Natasha Balac Level: 200	Architecting a Big Data Analytics Solution with SQL Server 2019 Kevin Feasel Level: 300	Advanced Virtual SQL Server Performance David Klee Level: 300	The SQL Server DBA's Guide to Docker Containers Edwin M Sarmiento Level: 300	The SQL Server 2019 Workshop Bob Ward Level: 300	Database Privacy and Security for Developers Ed Leighton-Dick Level: 200	Redgate SQL in the City Summit Seattle Steve Jones, Grant Fritchey... Level: 300
12:00 PM - 01:00 PM	Pre-Conference Lunch * (Dining Hall, 4F)										
Room	6A	6B	6C	604	606	608	612	615	618	2AB	3AB
01:00 PM - 02:30 PM	SQL Server Administration Made Easy with dbatools Rob Sewell Level: 200	Performance Tuning With Query Store in SQL Server Erin Stellato Level: 300	Mastering T-SQL Querying Fundamentals Itzik Ben-Gan Level: 300	AI and Power BI: The Realm of the Impossible Leila Etaati Level: 200	Data Science in a Day: Preparation, Patterns, and Predictions Natasha Balac Level: 200	Architecting a Big Data Analytics Solution with SQL Server 2019 Kevin Feasel Level: 300	Advanced Virtual SQL Server Performance David Klee Level: 300	The SQL Server DBA's Guide to Docker Containers Edwin M Sarmiento Level: 300	The SQL Server 2019 Workshop Bob Ward Level: 300	Database Privacy and Security for Developers Ed Leighton-Dick Level: 200	Redgate SQL in the City Summit Seattle Steve Jones, Grant Fritchey... Level: 300
02:30 PM - 02:45 PM	Refreshment Break * (Pre-Function area)										
Room	6A	6B	6C	604	606	608	612	615	618	2AB	3AB
02:45 PM - 04:30 PM	SQL Server Administration Made Easy with dbatools Rob Sewell Level: 200	Performance Tuning With Query Store in SQL Server Erin Stellato Level: 300	Mastering T-SQL Querying Fundamentals Itzik Ben-Gan Level: 300	AI and Power BI: The Realm of the Impossible Leila Etaati Level: 200	Data Science in a Day: Preparation, Patterns, and Predictions Natasha Balac Level: 200	Architecting a Big Data Analytics Solution with SQL Server 2019 Kevin Feasel Level: 300	Advanced Virtual SQL Server Performance David Klee Level: 300	The SQL Server DBA's Guide to Docker Containers Edwin M Sarmiento Level: 300	The SQL Server 2019 Workshop Bob Ward Level: 300	Database Privacy and Security for Developers Ed Leighton-Dick Level: 200	Redgate SQL in the City Summit Seattle Steve Jones, Grant Fritchey... Level: 300
* for registered Pre-Con attendees only											

Tuesday, Nov 5, 2019 Pre-Conference Schedule

Room	6A	6B	6C	604	606	608	612	615	618	2AB
08:30 AM - 10:00 AM	Move a Successful Legacy On-Premise OLTP SQL Server Database to Azure Ike Ellis Level: 200	SQL Server Performance Tuning and Optimization Monica Rathbun Level: 200	Bigger Hardware or Better Code and Design? Jonathan Kehayias Level: 300	How to Architect Successful Database Changes: Source Control and Release Patterns for Performance and Availability Steve Jones, Kendra Little Level: 200	Practical Azure Databricks: Engineering & Warehousing at Scale Terry McCann, Simon Whiteley Level: 200	From 0 to DAX Alberto Ferrari Level: 300	An Introduction to Data Driven Storytelling: Data Visualization for all! Jonathan Stewart Level: 200	How to Build 5 Azure-Powered Apps to Automate Your Job Tim Corey Level: 300	The SQL Server 2019 Workshop Bob Ward Level: 300	Modernizing your Database with Azure SQL Shreya Verma, Dimitri Furman... Level: 300
10:00 AM - 10:15 AM	Refreshment Break * (Pre-Function area)									
Room	6A	6B	6C	604	606	608	612	615	618	2AB
10:15 AM - 12:00 PM	Move a Successful Legacy On-Premise OLTP SQL Server Database to Azure Ike Ellis Level: 200	SQL Server Performance Tuning and Optimization Monica Rathbun Level: 200	Bigger Hardware or Better Code and Design? Jonathan Kehayias Level: 300	How to Architect Successful Database Changes: Source Control and Release Patterns for Performance and Availability Steve Jones, Kendra Little Level: 200	Practical Azure Databricks: Engineering & Warehousing at Scale Terry McCann, Simon Whiteley Level: 200	From 0 to DAX Alberto Ferrari Level: 300	An Introduction to Data Driven Storytelling: Data Visualization for all! Jonathan Stewart Level: 200	How to Build 5 Azure-Powered Apps to Automate Your Job Tim Corey Level: 300	The SQL Server 2019 Workshop Bob Ward Level: 300	Modernizing your Database with Azure SQL Shreya Verma, Dimitri Furman... Level: 300
11:30 AM - 03:30 PM	PASS Stuff Store									
12:00 PM - 01:00 PM	Pre-Conference Lunch * (Dining Hall, 4F)									
Room	6A	6B	6C	604	606	608	612	615	618	2AB
01:00 PM - 02:30 PM	Move a Successful Legacy On-Premise OLTP SQL Server Database to Azure Ike Ellis Level: 200	SQL Server Performance Tuning and Optimization Monica Rathbun Level: 200	Bigger Hardware or Better Code and Design? Jonathan Kehayias Level: 300	How to Architect Successful Database Changes: Source Control and Release Patterns for Performance and Availability Steve Jones, Kendra Little Level: 200	Practical Azure Databricks: Engineering & Warehousing at Scale Terry McCann, Simon Whiteley Level: 200	From 0 to DAX Alberto Ferrari Level: 300	An Introduction to Data Driven Storytelling: Data Visualization for all! Jonathan Stewart Level: 200	How to Build 5 Azure-Powered Apps to Automate Your Job Tim Corey Level: 300	The SQL Server 2019 Workshop Bob Ward Level: 300	Modernizing your Database with Azure SQL Shreya Verma, Dimitri Furman... Level: 300
02:30 PM - 02:45 PM	Refreshment Break * (Pre-Function area)									
Room	6A	6B	6C	604	606	608	612	615	618	2AB

02:45 PM - 04:30 PM	Move a Successful Legacy On-Premise OLTP SQL Server Database to Azure — Ike Ellis — Level: 200	SQL Server Performance Tuning and Optimization — Monica Rathbun — Level: 200	Bigger Hardware or Better Code and Design? — Jonathan Kehayias — Level: 300	How to Architect Successful Database Changes: Source Control and Release Patterns for Performance and Availability — Steve Jones, Kendra Little — Level: 200	Practical Azure Databricks: Engineering & Warehousing at Scale — Terry McCann, Simon Whiteley — Level: 200	From 0 to DAX — Alberto Ferrari — Level: 300	An Introduction to Data Driven Storytelling: Data Visualization for all! — Jonathan Stewart — Level: 200	How to Build 5 Azure-Powered Apps to Automate Your Job — Tim Corey — Level: 300	The SQL Server 2019 Workshop — Bob Ward — Level: 300	Modernizing your Database with Azure SQL — Shreya Verma, Dimitri Furman... — Level: 300

04:45 PM - 06:00 PM	First-Timer Event (Room 6E)
06:00 PM - 07:30 PM	Welcome Reception (Microsoft Azure Keynote Room)

* for registered Pre-Con attendees only

Wednesday, Nov 6, 2019 Conference Schedule

07:30 AM - 06:30 PM	PASS Community Zone (Skybridge, 4D)
08:15 AM - 09:45 AM	KEYNOTE: Rohan Kumar, Microsoft (Microsoft Azure Keynote Room)
09:45 AM - 10:15 AM	Refreshment Break (Exhibit Hall, 4B)
09:45 AM - 03:30 PM	Exhibit Hall (Exhibit Hall, 4B)
09:30 AM - 06:30 PM	PASS Stuff Store

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
10:15 AM - 11:30 AM					SQL Server Security from the Ground Up — Kenneth Fisher — Level: 100	What's new in SQL Server Tools — Vicky Harp, Udeesha Gautam — Level: 200	Why the Database is at the Heart of DevOps Success — Kendra Little — Level: 200	Emergency! Are You Ready for Disaster to Strike? — Allen White — Level: 200	Do You Feel The Need ... The Need for Speed? Top Five SQL Server Query Tuning Tips — Janis Griffin — Level: 200	MDS from the Ground Up - Let your Users Maintain their Data? — Heidi Hasting — Level: 200			Becoming a Technical Leader — Denise McInerney, Kellyn Pot'Vin-Gorman — Level: 100	SQL Isn't for Analysis: Why Everyone Needs OLAP Data Models — Rob Collie — Level: 200	SQL and MongoDB: When Two Worlds Collide — Eric Peterson — Level: 300	Roles and Responsibilities of the Azure Data Engineer — Jes Borland — Level: 100	Hidden Differences Between Azure ML Products Revealed — Ginger Grant — Level: 200	Journey to the Cloud: Planning the First Steps — John Morehouse — Level: 100	

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
10:45 AM - 12:00 PM	Performance Tuning Azure SQL Databases — David Maxwell — Level: 200	DBAs Guide to Managing Power BI Deployments — Jorge Segarra — Level: 300	SSIS DevOps and Azure Containers — Elizabeth Baron, Sreeja Pullagura... — Level: 200	SQL Server and Azure Data: What to Use When — Bob Ward, Anna Hoffman — Level: 200							Everyone Has a Story to Tell: Developing Your First Presentation — Andy Yun — Level: 100	Inside Kubernetes - An Architectural Deep Dive — Anthony Nocentino — Level: 300							How to Analyze JSON with SQL — Kevin McGinley — Level: 200

11:30 AM - 01:30 PM	Birds of a Feather Luncheon (Dining Hall, 4EF)
12:15 PM - 01:15 PM	Microsoft Certification Preparation Sessions (Rm. 204)

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
12:30 PM - 01:15 PM								Introduction to PASS Summit 2019 — Kevin Kline — Level: 100											

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
01:30 PM - 02:45 PM	SQL PowerShell 2019: The Lingua Franca for the Data Platform — Aaron Nelson — Level: 400	Improving Availability in SQL Server and Azure SQL Database with Accelerated Database Recovery and Resumable Operations — Pam Lahoud — Level: 300	Introducing SQL Server 2019 Big Data Clusters — Ben Weissman — Level: 300	SQL Injection: What Is It, Prevent It, Monitor For It! — Grant Fritchey — Level: 200	Packaging Permissions in Stored Procedures — Erland Sommarskog — Level: 300	Removing the SELECT *: Helping your App Developers and Yourself — Chris Woodruff — Level: 300	SQL on Linux — JP Chen — Level: 200	How I Would Attack SQL Server — Brian Kelley — Level: 100	Cosmos DB Develop Locally Deploy Globally — Jim Dorame — Level: 100	SQL Server Performance Analysis Powered by Machine Learning — Chuck Priddy, John Maxwell — Level: 100	Successfully Communicating with Peers and Colleagues — Kevin Kline — Level: 100	Microsoft Power BI: Business Intelligence Strategy, Vision, and Roadmap Update — Arun Ulagaratchagan, Amir Netz — Level: 200	Build Your Brand with Technical Writing — Kathi Kellenberger — Level: 100	An Introduction to AI for Everyone — Melody Zacharias — Level: 100	TDE, Encryption, and Compliance With Azure Key Vault Zero To Hero — Danny Ravid — Level: 300	Modern Excel: The Supercomputer Hiding on Everyone's Desktop — Rob Collie — Level: 200	SQL Server 2019: Your Next Modern Data Platform — Bob Ward — Level: 200	Encrypting Data Within SQL Server — Thomas Norman — Level: 200	An Introduction to Data Visualizations and Design Best Practices — Prathy Kamasani — Level: 200

02:45 PM - 03:15 PM	Refreshment Break (Exhibit Hall, 4B)

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
03:15 PM - 04:30 PM	Scaling Clustered Column Store Indexes — Thomas Grohser — Level: 300	Dr. DMV's Troubleshooting Toolkit — Glenn Berry — Level: 300	SQL Notebooks in Azure Data Studio for the DBA — Rob Sewell — Level: 200	Understanding Execution Plans — Erin Stellato — Level: 200	Never Lose Data: Digging Out From Corruption — Eddie Wuerch — Level: 200	Accelerate Migrations of Legacy SQL Server and SSIS with Azure Data Factory and Azure SQL Database Managed Instance — Leo Li — Level: 300	Linux Fundamentals for SQL Server DBAs — Hamish Watson — Level: 200	Working with SQL Server Containers to Build Database Solutions — Carlos Robles — Level: 300	Azure SQL Database Managed Instances: A Beginner's Guide – the Pros, the Cons, and the Gotchas — Martin Wild, Denis O'Sullivan... — Level: 200	Creating Success as a Data Entrepreneur — Adam Jorgensen — Level: 300	Be a Hero! Surface your SQL Server Data with Skuid and Make Killer Apps that Your End Users Will Love. — Chris Stern, Carl Sheffield — Level: 200	A Deep Dive into Persistent Memory features in SQL Server 2019 — Sridharan Sakthivelu, Bob Ward — Level: 300	A Behind the Scenes Look at ML, AI, and Deep Learning — Anna Hoffman — Level: 200	Spatial Analysis with SQL Server, R and Power BI — Andrea Martorana Tusa — Level: 400	Choosing your Cloud: Step 2 in your Cloud Migration Journey — Johan Ludvig Brattås, Rune Ovlien Rakeie — Level: 200	Head to Head: SSIS Versus Azure Data Factory — Tim Mitchell — Level: 200	Aggregations in Power BI — Thomas Martens, Gabi Münster — Level: 300	Innovative Data Modeling for Cool Data Warehouses — Jeff Renz, Leslie Weed — Level: 300	Azure Storage Options for Analytics — Dustin Vannoy — Level: 200

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
04:45 PM - 06:00 PM	SQL Server Machine Learning Services in Production — Kevin Feasel — Level: 300	Dr. DMV's Troubleshooting Toolkit — Glenn Berry — Level: 300	I Want To Go Faster! An Introduction to Indexing — Bert Wagner — Level: 100	Query Optimization Statistics: Driving Force Behind Performance — Vern Rabe — Level: 300	A Game of Hierarchies: Graph Processing with SQL Server 2019 — Markus Ehrenmueller-Jensen — Level: 400	To be Announced	Protect your Data by Design: Creating a Data Masking Strategy — Christopher Unwin — Level: 200	SQL Server and Azure SQL Database Intelligent Query Performance — Pedro Lopes, Joe Sack — Level: 300	Hidden Gems of SQL Server 2019 — Denis Reznik — Level: 300	Creating Success as a Data Entrepreneur — Adam Jorgensen — Level: 300	Cosmic DBA - Cosmos DB for SQL Server Admins and Developers — Michael Donnelly — Level: 100	SPEAKER IDOL - ROUND 1	Microsoft Data Engineering Unplugged — Hamish Watson — Level: 100	Handling Role Playing Dimensions in Tabular Models — Brian Larson — Level: 200	A new Breed of Storage for SQL Server – Level up your DevOps! — Shawn Meyers, Rob Girard — Level: 200	From Data Munging to Wrangling - 7 Steps to Mastering Data Preparation for Data Science — Natasha Balac — Level: 200	To be Announced	Innovative Data Modeling for Cool Data Warehouses — Jeff Renz, Leslie Weed — Level: 300	Data for Good: Using Machine Learning to Improve Water Access in Developing Nations — Jonathan Dahlberg — Level: 100

06:00 PM - 08:00 PM	Exhibitor Reception (Exhibit Hall, 4B)

Thursday, Nov 7, 2019 Conference Schedule

07:30 AM - 06:30 PM	PASS Community Zone (Skybridge, 4D)
08:15 AM - 09:45 AM	KEYNOTE: Tarah Wheeler - Cybersecurity is Everyone's Problem (Microsoft Azure Keynote Room)
09:45 AM - 10:15 AM	Refreshment Break (Exhibit Hall, 4B)
09:45 AM - 03:30 PM	Exhibit Hall (Exhibit Hall, 4B)
09:30 AM - 05:00 PM	PASS Stuff Store

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
10:15 AM - 11:30 AM					AI for Developers Anupama Natarajan	Data Classification: Taking Your First Step on the Road to Agile Data Governance Grant Fritchey Level: 200	Azure SQL Database Edge: Overview Amit Banerjee Level: 200	dbatools - A PowerShell Toolkit for the DBA Jack Corbett Level: 200	Choice with Compatibility: SQL Server 2019 on Linux and Containers Tejas Shah Level: 300	The Power Platform Game Changer Hiram Fleitas Level: 300			Text Mining & Sentiment Analysis made easy Sanil Mhatre Level: 200	Enabling End to End Scenarios with Data Virtualization in SQL Server 2019 James Rowland-Jones Level: 300	Deploying SQL Server 2019 Big Data Clusters on VMware Doug Bernhardt Level: 300	Improve Your Power BI Reports with DAX Alberto Ferrari Level: 300	How to Deploy SQL Server Containers on Kubernetes in Azure Hamish Watson Level: 300	Migrating SQL Server Workloads to Amazon Web Services (AWS) Richard Waymire Level: 300	

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
10:45 AM - 12:00 PM	Columnstore Indexes in 2017-2019 Niko Neugebauer Level: 300	Eliminating Anti-Patterns and RBAR for Faster Performance Jonathan Kehayias Level: 200	I'm In It - Survival Techniques for the Lone DBA Monica Rathbun Level: 100	Fun with Azure Functions Tim Mitchell Level: 200							Create the Perfect Multi-Column Index for Your Query Ray Maor Level: 200	Making the Leap to Management Adam Jorgensen, Chris Yates Level: 200						ETL in Azure Made Easy with Data Factory Mapping Data Flows Paul Andrew Level: 200

11:30 AM - 01:15 PM	WOMEN IN TECHNOLOGY: LaShana Lewis - Data-Driven Diversity: Using Your Skills to Make a Difference (Microsoft Azure Keynote Room)
11:30 AM - 01:30 PM	Birds of a Feather Luncheon (Dining Hall, 4EF)
12:15 PM - 01:15 PM	Microsoft Certification Preparation Sessions (Rm. 204)

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
01:30 PM - 02:45 PM	From Adaptive to Intelligent: Query Processing in SQL 2019 Hugo Kornelis Level: 200	SQL Server in Azure Virtual Machine Re-Imagined Shreya Verma, Bob Ward Level: 200	Into the Future with In-memory OLTP Kalen Delaney Level: 300	Missing T-SQL Querying Features for Handling NULLs and for Data Analysis Itzik Ben-Gan Level: 300	Database Security, Who Owns It? John Martin Level: 200	Dipping Your Toes In: Azure Data Lake for DBAs Bob Pusateri Level: 100	10 Cool Things You Can Do With Azure Databricks Dustin Vannoy, Ike Ellis... Level: 300	Empowering the SQL Server Professional with Linux Scripting Kellyn Pot'Vin-Gorman Level: 300	Fix Slow Queries. Fast. With SentryOne Plan Explorer Kevin Kline, Andy Yun Level: 100	Back Up and Restore a SQL Server Database If You're Not a DBA Randolph West Level: 100	Successfully Communicating with Your Customers Denise McInerney Level: 100	Two Truths That's A Lie: Data Visualization Ethics Jonathan Stewart Level: 300	Code Like a Snake Charmer - Introduction to Python! Jamey Johnston Level: 200	SSRS 2019 and Paginated Reports in Power BI Patrick LeBlanc, Chris Finlan Level: 300	AI Cognitive Services: Vision 101 Alicia Moniz Level: 100	Privacy and Security by Design in a Cloud Environment Johan Ludvig Brattås, Rune Ovlien Rakeie Level: 200	Modernize Your SQL Server the Right Way Pam Lahoud Level: 200	The Future Is Here for Containers! Marsha Pierce Level: 400	AI for the BI Professional Leila Etaati Level: 200

02:45 PM - 03:15 PM	Refreshment Break (Exhibit Hall, 4B)

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
03:15 PM - 04:30 PM	Azure SQL Database - Lessons Learned from the Trenches Jose Manuel Jurado Diaz Level: 300	CosmosDB - Designing and Troubleshooting Lessons Neil Hambly Level: 300	Building Your First SQL Server Container Lab in Docker Chris Bell Level: 200	Virtual SQL Server Performance Deep Dive David Klee Level: 200	Introducing the Next-Generation of Analytics on Azure Saveen Reddy, Priyanka Gomatam Level: 200	Designing Azure Data Disaster Recovery Strategies John Morehouse Level: 200	AI for the DBA Melody Zacharias Level: 200	Using Open Source Software to Collect Performance Metrics Tracy Boggiano Level: 200	Revenge: The SQL! Rob Volk Level: 200	Scaling with a Distributed Architecture and Real-time Data for an Evolving Business—A DBA's Journey Simon Whitworth, Deana Ritter Level: 100	LIGHTNING TALKS Martin Catherall, Kimberly StJacques... Level: 100	SQL Migration to Azure: Best Practices, Accelerators, and Production Case Studies Jayakesh Venu, Des FitzGerald Level: 200	Amazon Aurora: Design Considerations for High Throughput Cloud-Native Relational Databases Tobias Ternstrom Level: 200	To be Announced	Power BI Premium: Is it for Your Company (and Worth It)? Steve Wake Level: 200	Design Strategies and Advanced Data Visualization: The Ingredients for a Delicious Data Story James McGillivray Level: 300	An Azure Data Engineer's ETL Toolkit Simon Whiteley Level: 200	No-Code Custom Visuals! Can You Say Charticulator? ...I Knew You Could Paul Turley Level: 300	Power BI Data Privacy Settings Deep Dive Chris Webb Level: 400

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
04:45 PM - 06:00 PM	Improving Columnstore Load Scalability on Large Servers Joe Obbish Level: 400	CosmosDB - Designing and Troubleshooting Lessons Neil Hambly Level: 300	Entity Framework Debugging Using SQL Server: A Detective Story Chris Woodruff Level: 300	Azure SQL Database: Maximizing Cloud Performance and Availability Joe Sack, Denzil Ribeiro Level: 300	DataOps - Deploy SQL Server Databases Using Azure Pipelines Michael Donnelly Level: 200	True SQL Server Detective Denis Reznik Level: 400	HA/DR - Too Many Choices! Mike Walsh Level: 100	Six Ways to Improve SQL Server Application Security Ed Leighton-Dick Level: 200	On-Premises Power BI and Reporting: Reporting Services 2019 Thomas LeBlanc Level: 200	SQL Server in Containers: Your Next DevTest/Integration/Upgrade Server Grant Fritchey Level: 200	Generating Realistic Test Data Using Neural Networks Ram Shanmugam Level: 200	SPEAKER IDOL - ROUND 2 Hamish Watson Level: 100	SQL Server Migration: The Last Mile Pedro Lopes Level: 300	Operationalize Data Science for Advanced Decision Support Carlos Bossy Level: 200	SUSE Linux for Modern SQL Server Big Data Cluster Bryan Gartner Level: 300	Data Virtualization is easy with SQL Server Big Data Cluster Sergiy Lunyakin Level: 300	Different Types of Many-to-Many Relationships in Power BI Marco Russo Level: 300	Start off the Season with Azure Snowflake Reeves Smith Level: 100	Using the Power Platform to Radically Change your Business Patrick LeBlanc Level: 300

Friday, Nov 8, 2019 Conference Schedule

07:30 AM - 03:30 PM	PASS Community Zone (Skybridge, 4D)

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
08:00 AM - 09:15 AM	Elementary! The Curious Case of Deceptive Query Optimizer Pinal Dave Level: 400	Batch Execution Mode on Rowstore Indexes Niko Neugebauer Level: 300	Complete CI/CD for C# and SQL Tim Corey Level: 300	To be Announced	Data Privacy, Security, Ethics and Compliance in a Data-Driven World Martin Catherall Level: 100	Reduce Cost by Tuning Queries on Azure DBaaS Rajnikant Tandel Level: 200	SQL Containers in 5 minutes and 5 lines of code Aaron Nelson Level: 300	Inside SQL Server on Kubernetes Bob Ward Level: 400	Real-time Sentiment Prediction in SQL Server Hiram Fleitas Level: 400	To be Announced	Whacha Just Say? Talking Technology to Non Technical People Ray Kim Level: 100	SPEAKER IDOL - ROUND 3 Hamish Watson Level: 100	Architecture Blueprints for Power BI Implementation Reza Rad Level: 200	AI for Analysts Leila Etaati Level: 200	Managing your Data Platform Lifecycle John Martin Level: 200	Bringing Source Control to BI world! Heidi Hasting Level: 200		Getting the Most Out of Your Microsoft Windows and SQL Server Migration to Google Cloud Ori Kashi Level: 300	What's Going On in My Power BI Environment? Asgeir Gunnarsson Level: 300

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
09:30 AM - 10:45 AM	Best Practices for Branching Database Code in Git Kendra Little Level: 200	Deep Dive into Blocking and Deadlocks Troubleshooting Dmitri Korotkevitch Level: 300	Reporting for Developers Frank Geisler, Tillmann Eitelberg Level: 300	Turbocharge Your SQL Server with In-Memory Database Pam Lahoud Level: 300	Azure Data Studio - The New Frontier Warwick Rudd Level: 200	Hash Match, the Operator Hugo Kornelis Level: 500	Big Data Clusters is a Brand-New Feature in SQL Server 2019 that Delivers the Best of Open Source with Everyone's Favorite DB James Rowland-Jones Level: 200	Help Me SSIS Logging, You're My Only Hope! Vanessa Kesten Level: 200	SQL Managed Instance: a Fully Managed SQL Server in the Cloud Mladen Andzic, Jovan Popovic Level: 100	Data Classification and Masking: the What and How of Data Protection Martin Cairney Level: 200	Surviving the Next Azure Outage Like a Boss David Bermingham Level: 200	Data Modeling Trends for 2019 and Beyond Ike Ellis Level: 300	Taking Leadership to the Next Level: Mastering Your Own Growth Adam Jorgensen Level: 200	Neither Here Nor There - Hybrid AO SQL Architecture On-Prem/Azure Yitzchak Wahnon Level: 300	Modernize SQL Server Workloads in The AWS Cloud: Self-Managed, Managed, and Serverless Ajaya Gummadi Level: 300	Hardware 301: Choosing Database Hardware for SQL Server 2019 Glenn Berry Level: 300	ANALYTICS SPOTLIGHT: The New Business Analyst Donald Farmer Level: 100	Power BI Report Server Enterprise Architecture, Tools to Publish Vishal Pawar Level: 300	Data Warehousing: Which of the Many Cloud Products is the Right One for You? Ginger Grant Level: 200

10:30 AM - 02:00 PM	PASS Stuff Store
10:30 AM - 02:00 PM	Exhibit Hall (Exhibit Hall, 4B)
10:45 AM - 11:15 AM	Refreshment Break (Exhibit Hall, 4B)

Room	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4

Schedule

Time	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
11:00 AM- 12:15 PM					Best, Better, Hyperscale! The Last Database You will Ever Need in the Cloud — Jeroen ter Heerdt — Level: 300	Hash Match, the Operator — Hugo Kornelis — Level: 500	Database CICD (Continuous Integration and Deployment) — Simon Cho — Level: 100	Improving Database Code Quality with Unit Tests — Elizabeth Noble — Level: 100	Let's Automagically Stage 100 Tables. For SSIS or ADF. With Biml. Live. — Ben Weissman — Level: 300	Capturing SQL Server activity with SQL Server Audit — Ed Leighton-Dick — Level: 200		Successfully Managing Upwards And Getting Your Boss On Your Side — Edwin M Sarmiento — Level: 100	"What's in a Name?", Data Stories that Would Make the Bard Proud — Prathy Kamasani, James McGillivray — Level: 300	Take Me to the (Multiple) Clouds Above Seattle — Rune Ovlien Rakeie, Johan Ludvig Brattås — Level: 300	Azure Machine Learning 101 — Kathi Kellenberger — Level: 200		Power Query, M and Dataflow; The Lightsaber for the Data Jedi — Reza Rad — Level: 300	AI to the Masses! But How? Pixie Dust? — Hope Foley — Level: 200	

Room: 6A | 6B | 6C | 6E | 604 | 606 | 608 | 612 | 615 | 618 | 400 | 2AB | 3AB | TCC Yakima 1 | TCC Chelan 2 | TCC Tahoma 2 | TCC Tahoma 4 | TCC Tahoma 5 | TCC Skagit 4

Time	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
11:15 AM- 12:30 PM	Query Analysis Deep Dive: 13 Causes of a Slow Query — Fabiano Neves Amorim — Level: 300	Deep Dive with Data Migration Tools and Azure Database Migration Service (DMS) — Sreraman Narasimhan, Charles Christian — Level: 300	Azure DevOps and the SSIS Development Lifecycle — Andy Leonard — Level: 300	pwsh? Using PowerShell on Linux — Rob Sewell — Level: 100							To be Announced	Giving Feedback: How to Effectively Communicate to your Employees — Christine Assaf — Level: 100					Should I Move My Production SQL Server Workloads to Containers? — Victor Isakov — Level: 300		

12:00 PM - 02:00 PM Birds of a Feather Luncheon (Dining Hall, 4EF)

12:45 PM - 01:45 PM Microsoft Certification Preparation Sessions (Rm. 204)

Room: 6A | 6B | 6C | 6E | 604 | 606 | 608 | 612 | 615 | 618 | 400 | 2AB | 3AB | TCC Yakima 1 | TCC Chelan 2 | TCC Tahoma 2 | TCC Tahoma 4 | TCC Tahoma 5 | TCC Skagit 4

Time	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
01:00 PM- 01:45 PM								Staying Involved with PASS — Kevin Kline — Level: 100											

Room: 6A | 6B | 6C | 6E | 604 | 606 | 608 | 612 | 615 | 618 | 400 | 2AB | 3AB | TCC Yakima 1 | TCC Chelan 2 | TCC Tahoma 2 | TCC Tahoma 4 | TCC Tahoma 5 | TCC Skagit 4

Time	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
02:00 PM- 03:15 PM	JSON for the Data Mortals — Jim Dorame — Level: 100	Query Store In-Depth — Ola Hallengren — Level: 300	Entity Framework Performance Monitoring and Tuning — Jim Wooley — Level: 300	Dynamic SQL: Writing Efficient Queries on the Fly — Edward Pollack — Level: 200	Azure Data Studio Extension Development — Drew Skwiers-Koballa — Level: 200	MSAs, GMSAs, and Groups - Use SQL Without Traditional User Accounts — Chris Bell — Level: 300	Datacenter and/or Cloud - When to Use One, the Other, or Both — Thomas Grohser — Level: 200	Managing and Monitoring SQL Server on Linux from the Command Line — Randolph West — Level: 300	Managing ETL Change Using BIMLScript — Russel Loski — Level: 200	What's new in Security for Azure SQL/MI — Alice Kupcik, Rohit Nayak... — Level: 300		SPEAKER IDOL - FINALE — Hamish Watson — Level: 100	Ingesting and Managing Petabytes of Data with Azure Data Factory — Gaurav Malhotra, Anand Subbaraj — Level: 200	PowerApps and AI: A Flow of Location Events — Jeremy Frye — Level: 300	From Fear to Confidence – Learn the Art of Influence — Chad Crawford — Level: 100	How to Build an Impactful KPI Scorecard in Power BI — Reid Havens — Level: 200	Infrastructure for the DBA: An Introduction — Peter Shore — Level: 200	Enterprise-Grade BI with Power BI: Enterprise Information Management (EIM), Scale and Performance — Josh Caplan, Miki Ben-Ze'ev... — Level: 300	Comparing Predictive Models from R, Python, SSAS, and Azure ML — Dejan Sarka — Level: 400

03:15 PM - 03:30 PM Refreshment Break (Pre-Function Area)

Room: 6A | 6B | 6C | 6E | 604 | 606 | 608 | 612 | 615 | 618 | 400 | 2AB | 3AB | TCC Yakima 1 | TCC Chelan 2 | TCC Tahoma 2 | TCC Tahoma 4 | TCC Tahoma 5 | TCC Skagit 4

Time	6A	6B	6C	6E	604	606	608	612	615	618	400	2AB	3AB	TCC Yakima 1	TCC Chelan 2	TCC Tahoma 2	TCC Tahoma 4	TCC Tahoma 5	TCC Skagit 4
03:30 PM- 04:45 PM	6 Months to 5 minutes, DB & BI Deployments at the Speed of Light — Jan Mulkens — Level: 200	Code Like a Snake Charmer – Advanced Data Modeling in Python! — Jamey Johnston — Level: 300	ABCs of the Power BI REST API — Jens Vestergaard — Level: 200	Upgrading SQL Server - Prepare for Success! — Mike Walsh — Level: 200	Data Quality Round-trip in the MS Dataplatform 2019 — Tillmann Eitelberg, Oliver Engels — Level: 300	Azure SQL Database Serverless: Compute Autoscaling Solution to Optimize Database Price-Performance — Morgan Oslake — Level: 200	Azure Data Studio: The Challenger — Dan de Sousa — Level: 100	Secure SQL Server Database Design: Tactics and Technology — Dan Mallott — Level: 300	Relational Data Modeling Trends for Transactional Applications — Ike Ellis — Level: 300	LIGHTNING TALKS — Jennifer McCown, Paul Wehland... — Level: 100		Identifying Anti-Patterns in Analytical Queries — Bert Wagner — Level: 200	To be Announced	Azure DevOps Pipelines for BI — Mike Diehl — Level: 200	Large-Scale Migration of On-Premise Big Data Workloads to Azure — Elizabeth Oldag, Shane Risk — Level: 200	Reporting Services: A Smart Migration Strategy — Ted Stathakis — Level: 200	Data Modeling and Prototyping in Power BI Desktop — Steve Wake — Level: 300	How Do I Ensure my Azure Modern Data Warehouse is Secure? — Sriharsh Adari — Level: 300	Continuous Intelligence... What's This All About? — Gabi Münster — Level: 200