



What they should
have told me about
becoming a DBA

New Stars of Data

14-08-2020



What are we going to cover today

- ▶ Introduction
- ▶ Who to talk to
- ▶ Where do I start to get good information
- ▶ Where can I find the best tools to start with
- ▶ What is my instance doing
- ▶ Questions / outroduction





Hello!

I am Reitse Eskens

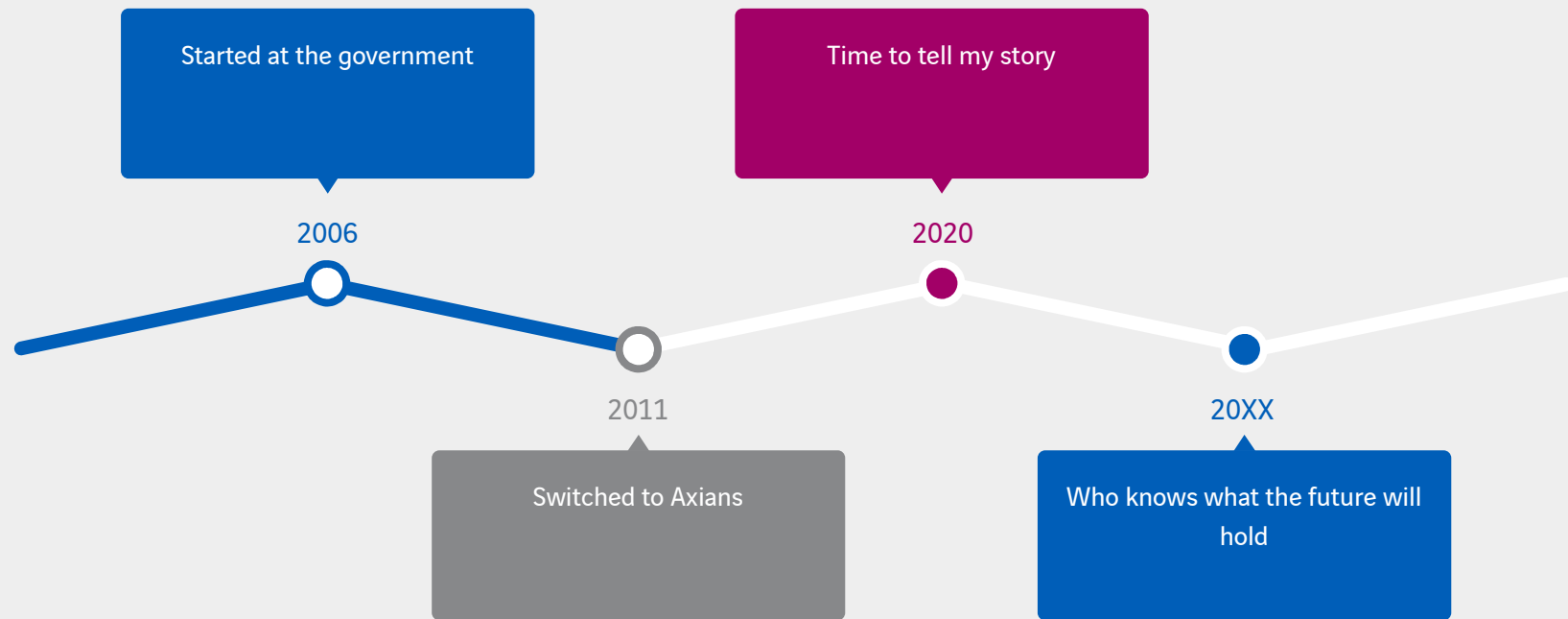
I am here because I love my DBA job and share knowledge.

MCSA, MCSE and some Azure certs

You can reach me at
@2meterdba

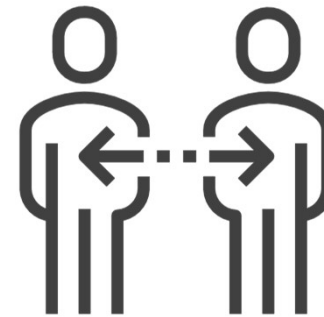


| HOW DID I GET HERE



| WHO TO TALK TO

- ▶ DBA's
- ▶ Users
- ▶ Management



| WHERE TO START TO GET GOOD INFORMATION

- ▶ Twitter (#sqlfamily, #sqlhelp)
- ▶ Slack (Sql Server Community)
- ▶ Pinal Dave (sqlauthority.com)
- ▶ Brent Ozar (brentozar.com)
- ▶ SQLSkills (sqlskills.com)





WHERE CAN I FIND THE BEST TOOLS TO START WITH

► Ola Hallengren

- <https://ola.hallengren.com/>
- The solution for maintenance
 - Backups
 - Indexes
 - Statistics
 - Integrity checks



| ► WHERE CAN I FIND THE BEST TOOLS TO START WITH

► dbatools

- <https://dbatools.io/>
- Commandlets for repetitive tasks
- Easy to use
- Well documented

► dbachecks

- <https://dbatools.io/introducing-dbachecks/>
- Module for routine checks
- With PowerBI report



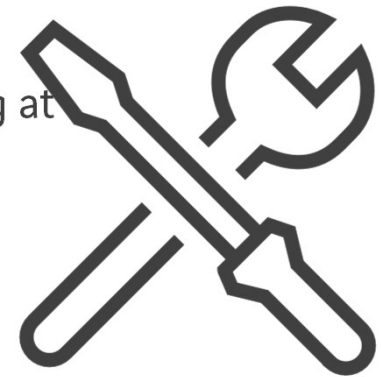


WHERE CAN I FIND THE BEST TOOLS TO START WITH



First Responder Kit

- <https://www.brentozar.com/first-aid/>
- Easy scripts to get an overview of the server you're looking at
- Advice on where to focus your attention
- No solution scripts you can easily run, think and edit!





WHERE CAN I FIND THE BEST TOOLS TO START WITH



Plan Explorer

- <https://www.sentryone.com/plan-explorer>
- Free tooling for tuning
- Shows animated deadlock diagrams
- Gives you an idea how to add or modify indexes





WHERE CAN I FIND THE BEST TOOLS TO START WITH



VS Code

- <https://code.visualstudio.com/>
- Free code editor
- Loads of plugins and integration with git



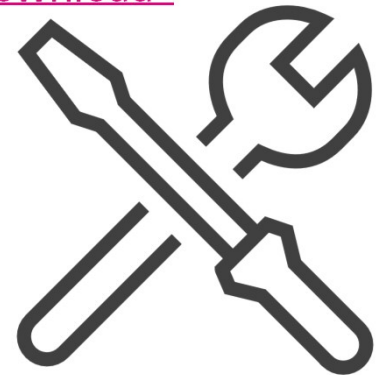


WHERE CAN I FIND THE BEST TOOLS TO START WITH



Azure Data Studio

- <https://docs.microsoft.com/en-us/sql/azure-data-studio/download-azure-data-studio?view=sql-server-ver15>
- Lightweight version of SSMS
- Works out for Azure and on-premises
- Nice graphics on your server or database
- Server administration is harder because the gui parts are missing.
- But notebooks! (Check out session by Rob Sewell to learn more!)





WHERE CAN I FIND THE BEST TOOLS TO START WITH



Windows Terminal

- check out windows store to get it
- Looks like Powershell
- You can choose the version if you have more than one installed
- You can easily connect to Azure to run commands there



A high-angle, top-down photograph of five business professionals (three men and two women) standing in a circle on a light-colored tiled floor. They are all holding their hands together in the center, forming a star-like shape. The image is overlaid with a blue-to-purple gradient. The word "axians" is in the top right, and "DEMO!" is in the middle left.

axians

DEMO!

- Wait stats (<https://www.enricovandelaar.com/second-edition-of-pro-sql-server-wait-statistics-available-now/>)
- Who is active (<http://whoisactive.com/>)
- Disk latency (<https://sqlperformance.com/2015/03/io-subsystem/monitoring-read-write-latency>)



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axians

DEMO!

| ▶ FINALLY

- ▶ He's about to stop talking ;)
- ▶ There are many many many tools available to help you



FINALLY FINALLY



A man and a woman are standing in a modern office, looking at a laptop. The woman is on the left, smiling, and the man is on the right, pointing at the screen. They are both wearing light-colored shirts. The background shows a glass-walled office with various desks, chairs, and hanging lights. The overall tone is professional and collaborative.

axians

Thank you for listening!

Remember to provide feedback for this session and the event as a whole.

Any questions? You can reach me at:

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