



What they should
have told me about
becoming a DBA

New Stars of Data



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

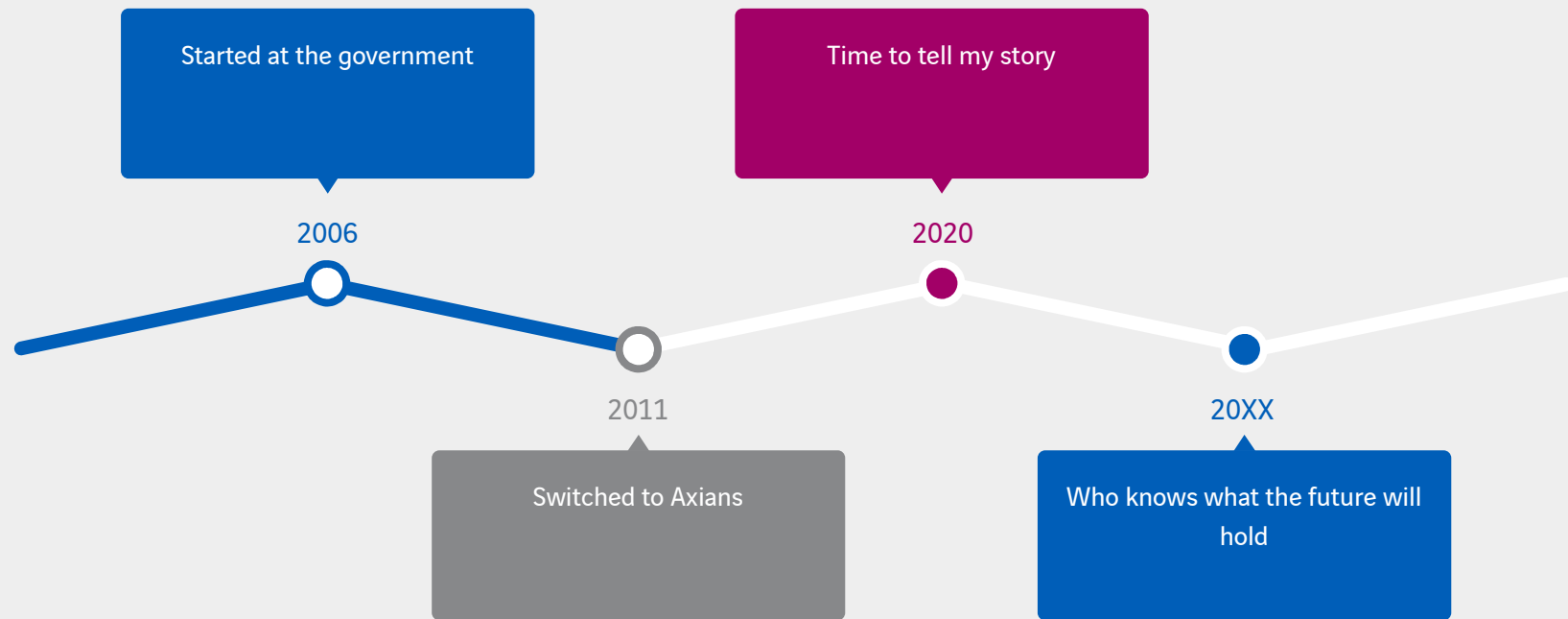
I am here because I love my DBA job and share knowledge.

MCSA, MCSE and some Azure certs

You can reach me at
@2meterdba

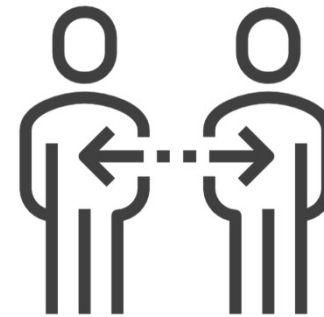


| HOW DID I GET HERE



| WHO TO TALK TO

- ▶ DBA's
- ▶ Users
- ▶ Management



| WHERE TO START TO GET GOOD INFORMATION

- ▶ Twitter
- ▶ Slack (sql 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

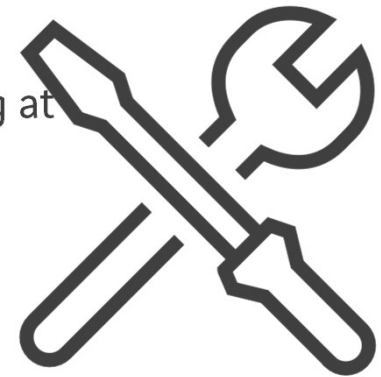




WHERE CAN I FIND THE BEST TOOLS TO START WITH

► 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



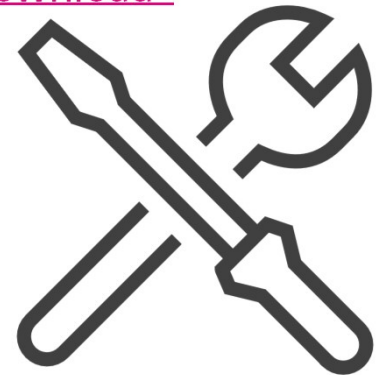


WHERE CAN I FIND THE BEST TOOLS TO START WITH



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 human pyramid. 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!

| ► WHAT IS MY INSTANCE DOING

- 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!

- ▶ 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 office has large windows, modern lighting, and a glass partition. The word "axians" is written in the top right corner.

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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