



What they should  
have told me about  
becoming a DBA

#DataWeekender

17-10-2020



## 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**

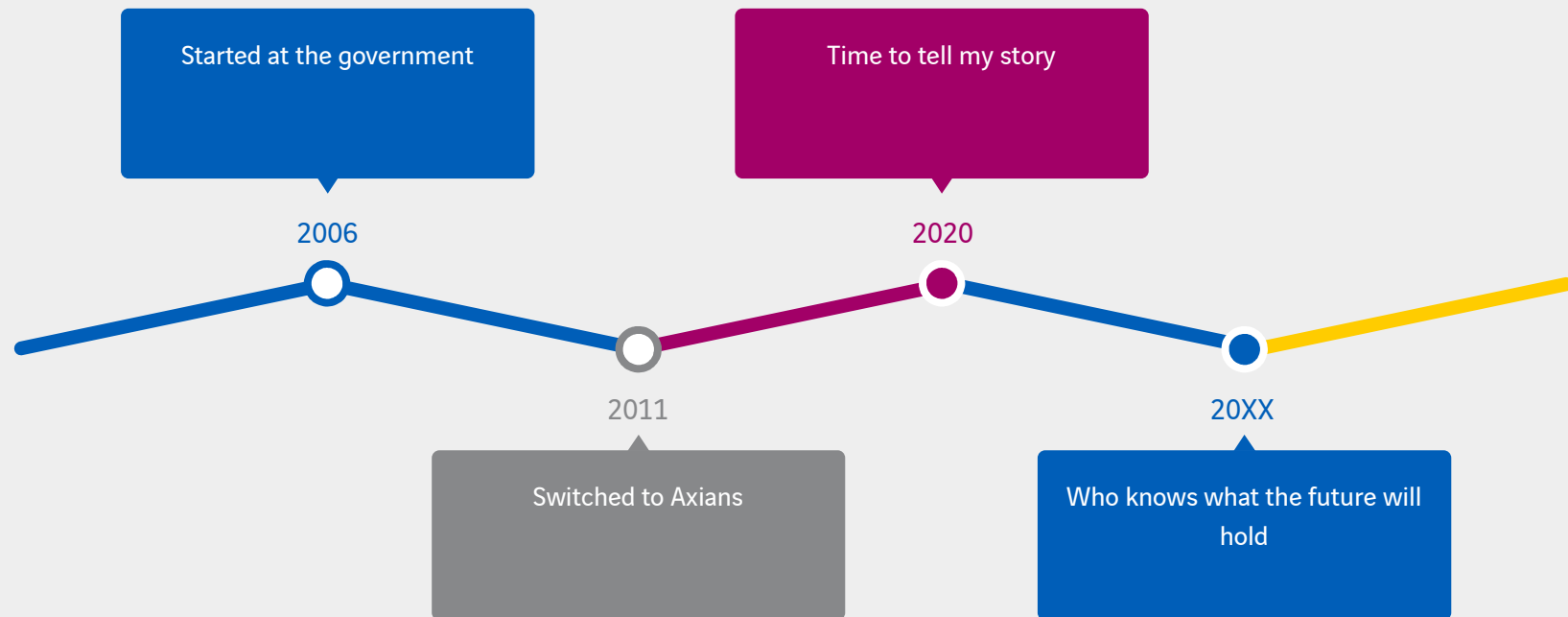
I am here because I love my DBA job and share knowledge.

MCSA, MCSE and some Azure certs

You can reach me at  
**@2meterdba**

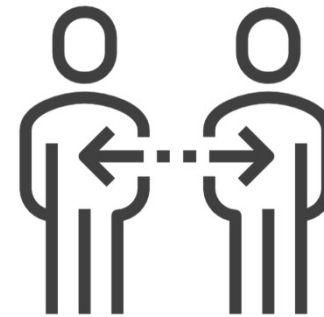


## | HOW DID I GET HERE



## | 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)
- ▶ Blogs ([feedly.com](https://feedly.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





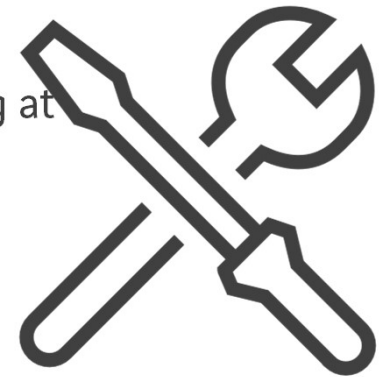


## WHERE CAN I FIND THE BEST TOOLS TO START WITH



### 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



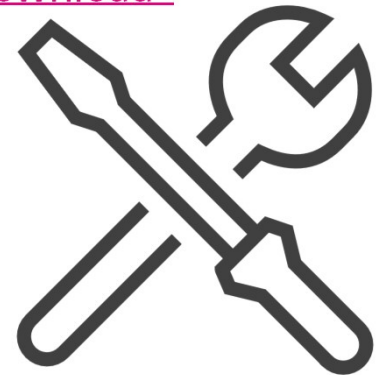


## WHERE CAN I FIND THE BEST TOOLS TO START WITH



### 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 photograph of five business professionals (three men and two women) standing in a circle on a light-colored tiled floor, holding hands. They are dressed in business attire. 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> )



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!**



- ▶ 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 lights and furniture.

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:

**@2meterDBA / reitse.eskens@axians.com**