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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

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Hello!

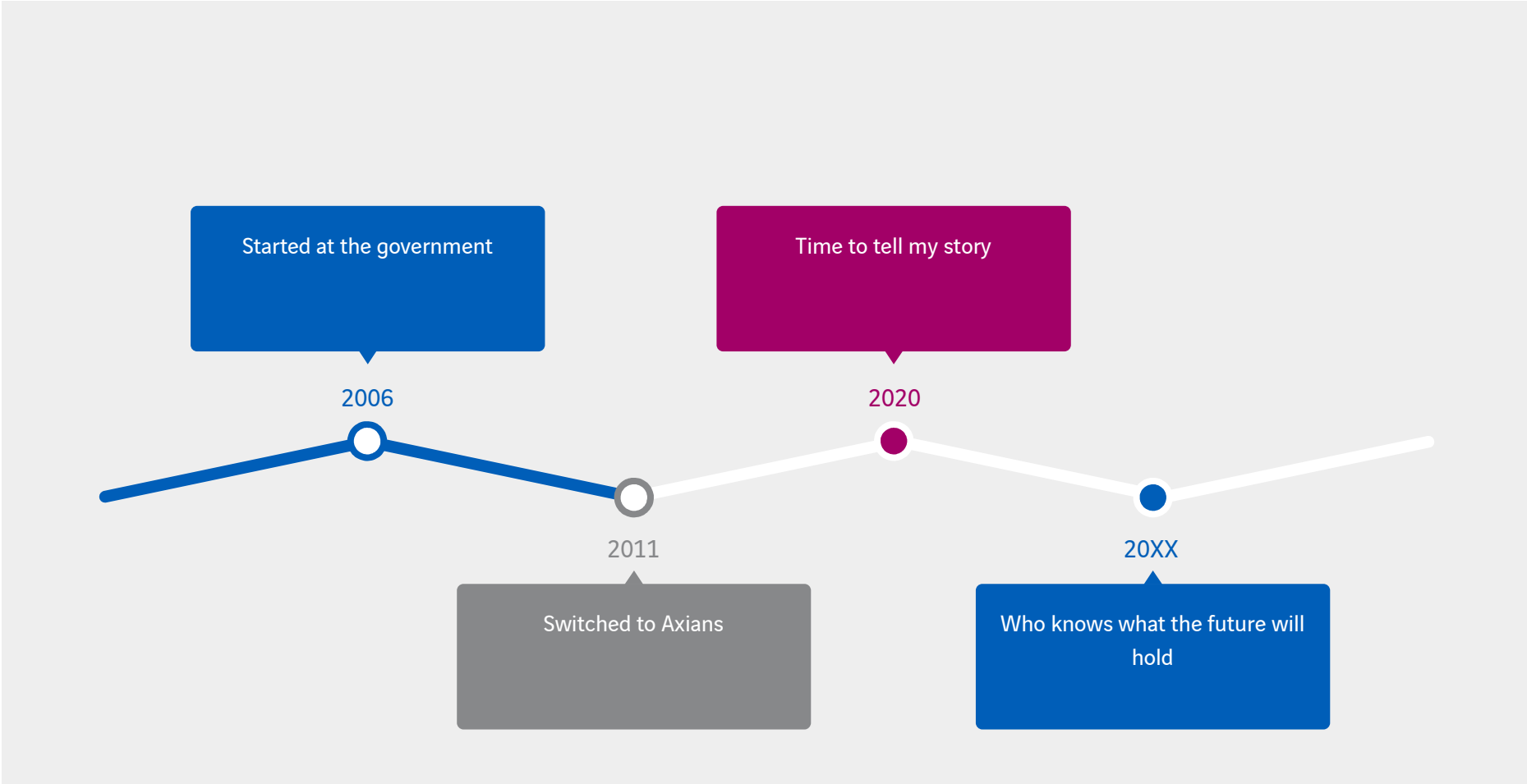
I am Reitse Eskens

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

MCSA, MCSE and some Azure certs

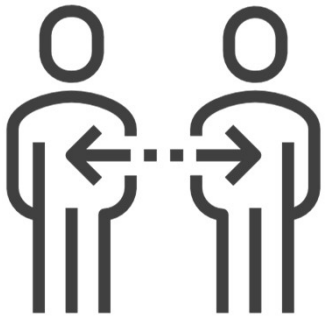
You can reach me at **@2meterdba**

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

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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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FINALLY

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

FINALLY FINALLY

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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