

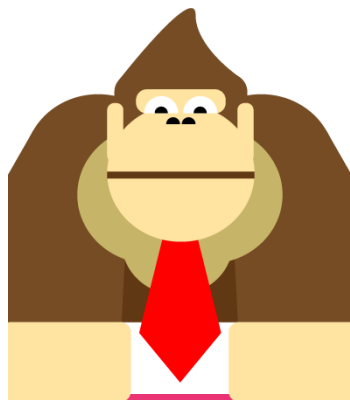
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What they should have told me
about becoming a DBA

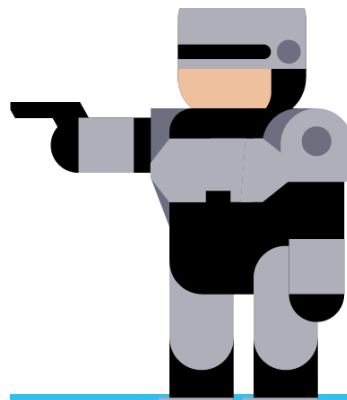
Talking points



Security



Getting to
know people



Tools



Information



There are many ways to the DBA

Show of hands

- ▶ Accidental DBA (standing too close to the database. As a result you were infected)
- ▶ Byproduct of regular job (not your main job but you need to handle this)
- ▶ By choice. You just really wanted to become a DBA



Reitse Eskens

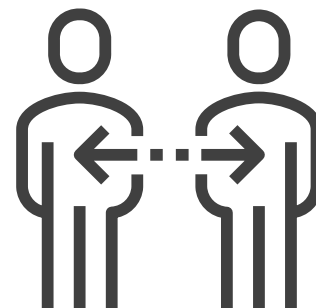
Dataplatform Consultant
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- ▶ Production DBA / Performance tuning
- ▶ Azure infrastructure with Terraform
- ▶ SQL training
- ▶ Photography, running, cycling, timekeeper
- ▶ Public speaker
- ▶ Certified beyond any repair

People in your organisation

- ▶ DBA's
- ▶ Users
- ▶ Management



Main things to think about

- ▶ Users will request dbowner
- ▶ Hacks will happen
- ▶ Are you prepared?
 - Scripts
 - Procedures
 - Contingency plans

Ola Hallengren maintenance tools

► Ola Hallengren

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



DBA Tools!

► 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



First Responder Kit

► 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!



Solarwinds Plan Explorer

► Plan Explorer

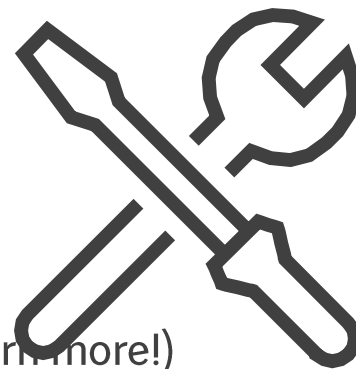
- <https://www.sentryone.com/plan-explorer>
- Free tooling for tuning
- Shows animated deadlock diagrams
- Gives you an idea how to add or modify indexes



Azure Data Studio

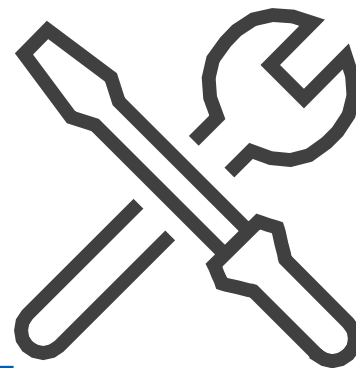
► Azure Data Studio

- Lightweight version of SSMS
- Works 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!)



Immediate analysis

- ▶ 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>)
- ▶ Dedicated Admin Connection





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

And time for questions

► <https://sqlb.it/?7323>



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THANK YOU!