SQL Server and PowerShell walk into a bar…

Mikey Bronowski

SLIDO.com

#1433

Mikey Bronowski and you?

DATAmasterminds

Microsoft MVP Most Valuable Professional

Microsoft Certified Trainer

agenda

dbatools
pester
dbachecks
ImportExcel

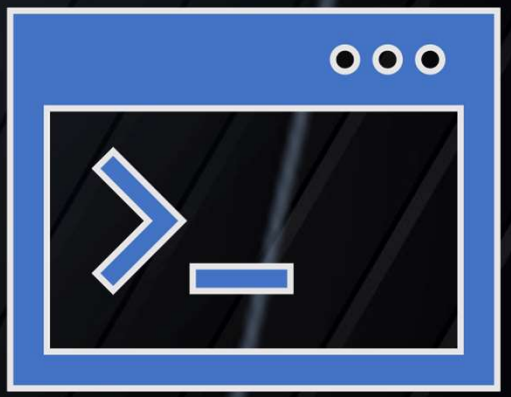
Mikey Bronowski

dbatools – what?

Chrissy LeMaire

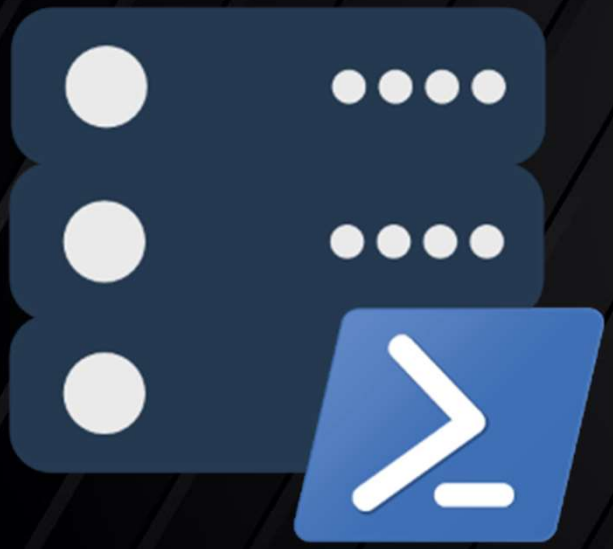
sql collaborative

dataplat



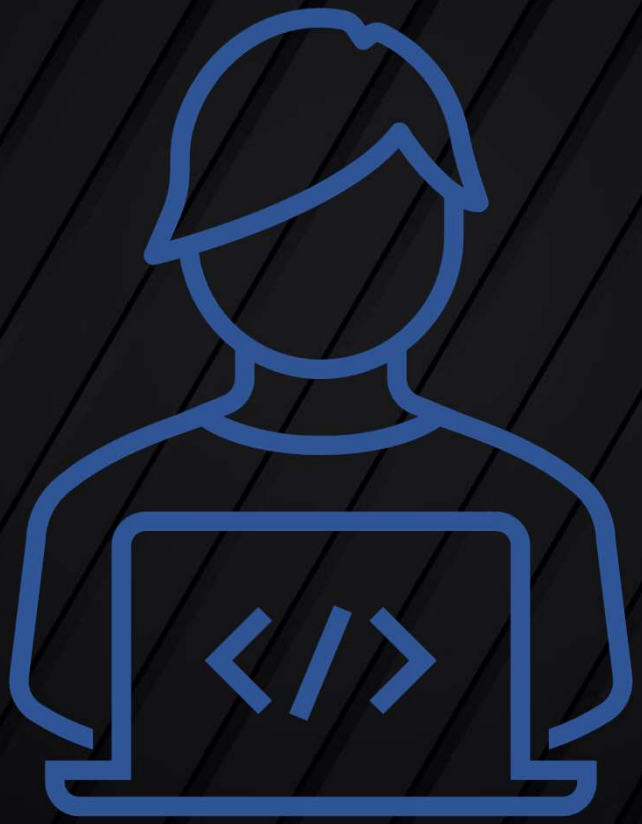
600+

dbatools – why?



Command-line SSMS #SQLFamily

dbatools – how?



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pester – what?

Jakub Jareš

unit tests environment

pester – why?

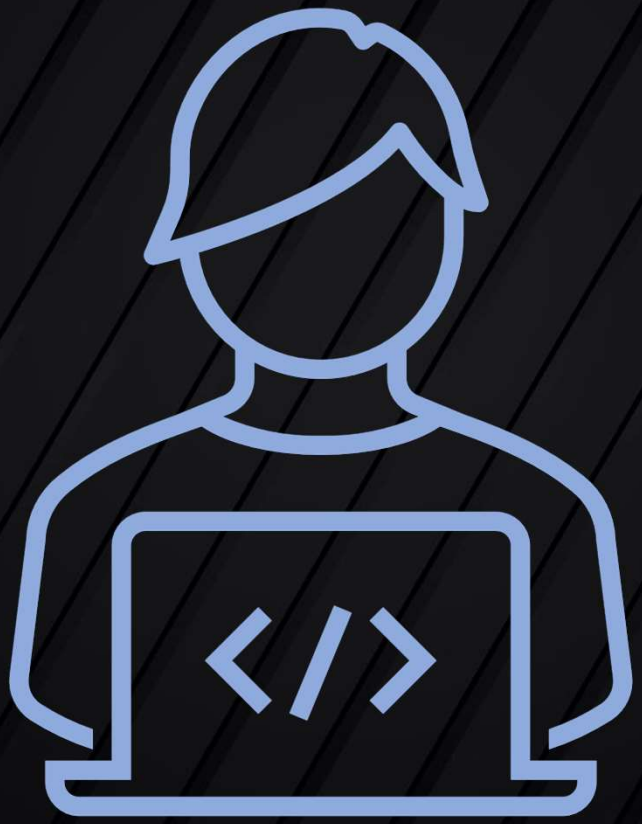
```
PowerDBASQL1  C:\PowerDBA  57ms  5:16 PM
mikey >> Invoke-Pester .\pester.ps1 -Output Detailed
Pester v5.3.1

Starting discovery in 1 files.
Discovery found 5 tests in 21ms.
Running tests.

Running tests from 'C:\PowerDBA\pester.ps1'
Describing PowerDBA - testowanie kodu
 Context Testuj zainstalowane moduly PowerShell
   [-] [dbatools] jest zainstalowany 14ms (12ms|2ms)
    at $module | Should -Contain 'dbatools', C:\PowerDBA\pester.ps1:7
    at <ScriptBlock>, C:\PowerDBA\pester.ps1:7
    Expected 'dbatools' to be found in collection @('oh-my-posh', 'Pester'), but it was not found.
   [-] [dbachecks] jest zainstalowany 2ms (1ms|0ms)
    at $module | Should -Contain 'dbachecks', C:\PowerDBA\pester.ps1:11
    at <ScriptBlock>, C:\PowerDBA\pester.ps1:11
    Expected 'dbachecks' to be found in collection @('oh-my-posh', 'Pester'), but it was not found.
   [+] [pester] jest zainstalowany 1ms (1ms|0ms)
   [+] [oh-my-posh] jest zainstalowany 1ms (0ms|0ms)
 Context Testuj zainstalowany Chocolatey
   [+] [Chocolatey] jest zainstalowane] 14ms (1ms|13ms)
Tests completed in 145ms
Tests Passed: 3, Failed: 2, Skipped: 0 NotRun: 0
```

testing… everything!

pester – how?



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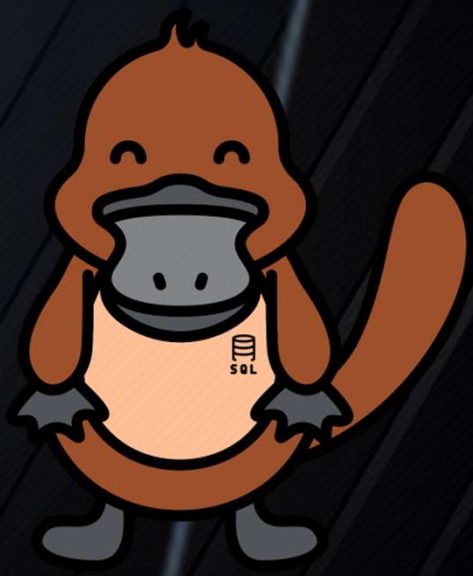
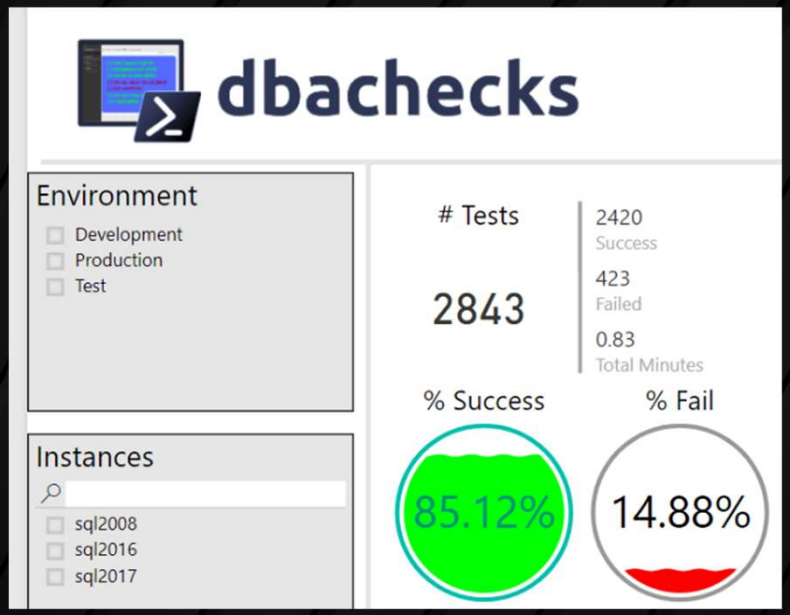
dbachecks – what?



Rob Sewell v4.10.1 dataplat

dbachecks – why?



health checks

dbachecks – how?

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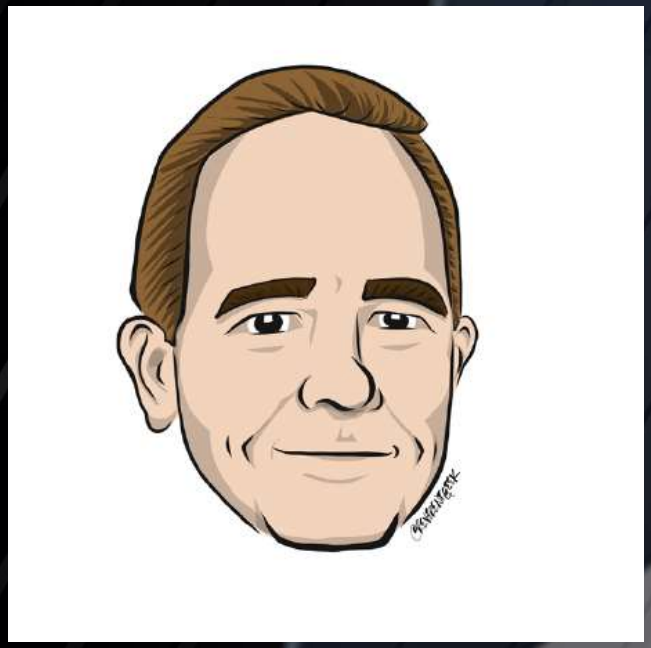
ImportExcel – what?



Doug Finke

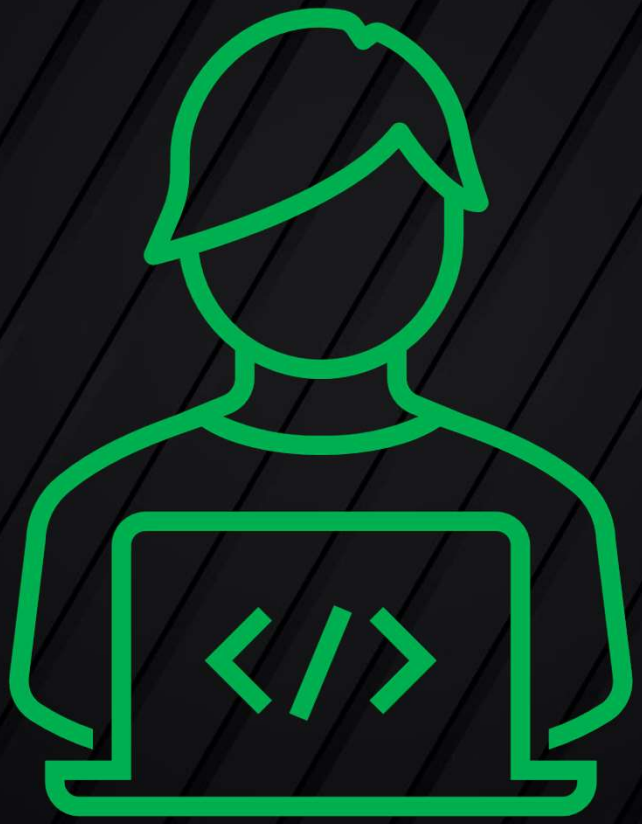
v4

ImportExcel – why?

no MS Office

source code

ImportExcel – how?



Mikey Bronowski

community

aka.ms/datacommunity

sqlcommunity.slack.com

Mikey Bronowski

Thank you!

MikeyBronowski