Future-Proofing Your Database Estate: Smarter Monitoring for Strategic Growth

redgate | About me

Danny de Haan

Solutions Engineer

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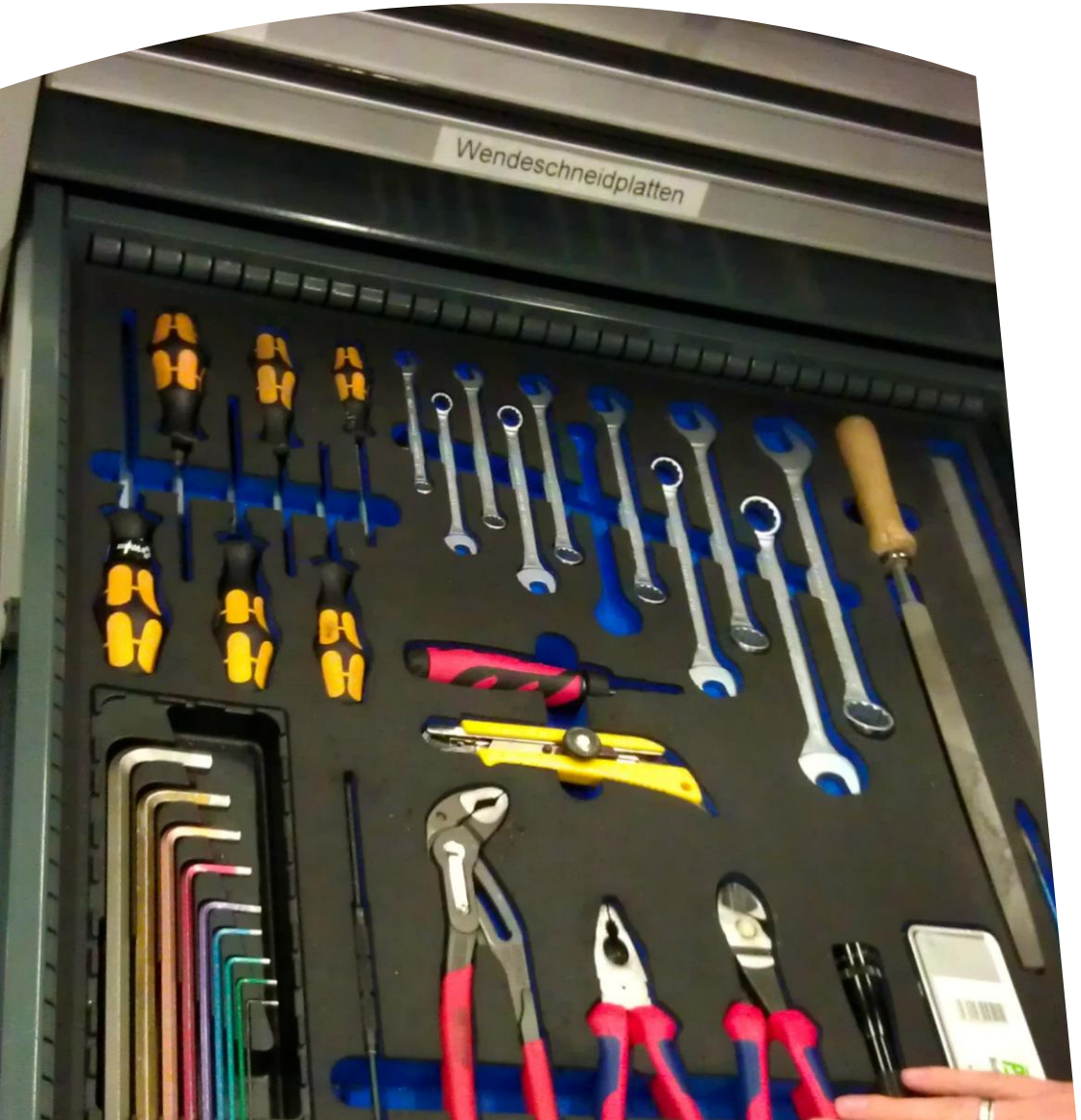
Session Goals



- Learn how Monitor Enterprise tools help you manage your estate
- Discover mechanisms where Monitor tunes your alerts for you
- Explore how Redgate Monitor operates across and between various platforms, including the cloud

redgate | Estate Management

Estates are just different

- 1,000 vs. 1
- Multiple platforms vs. 1
- Multiple versions vs. 1
- Automation vs. Manual
- BUT
  - Still need drill down
  - Details still matter
  - Individual devices can be just as important

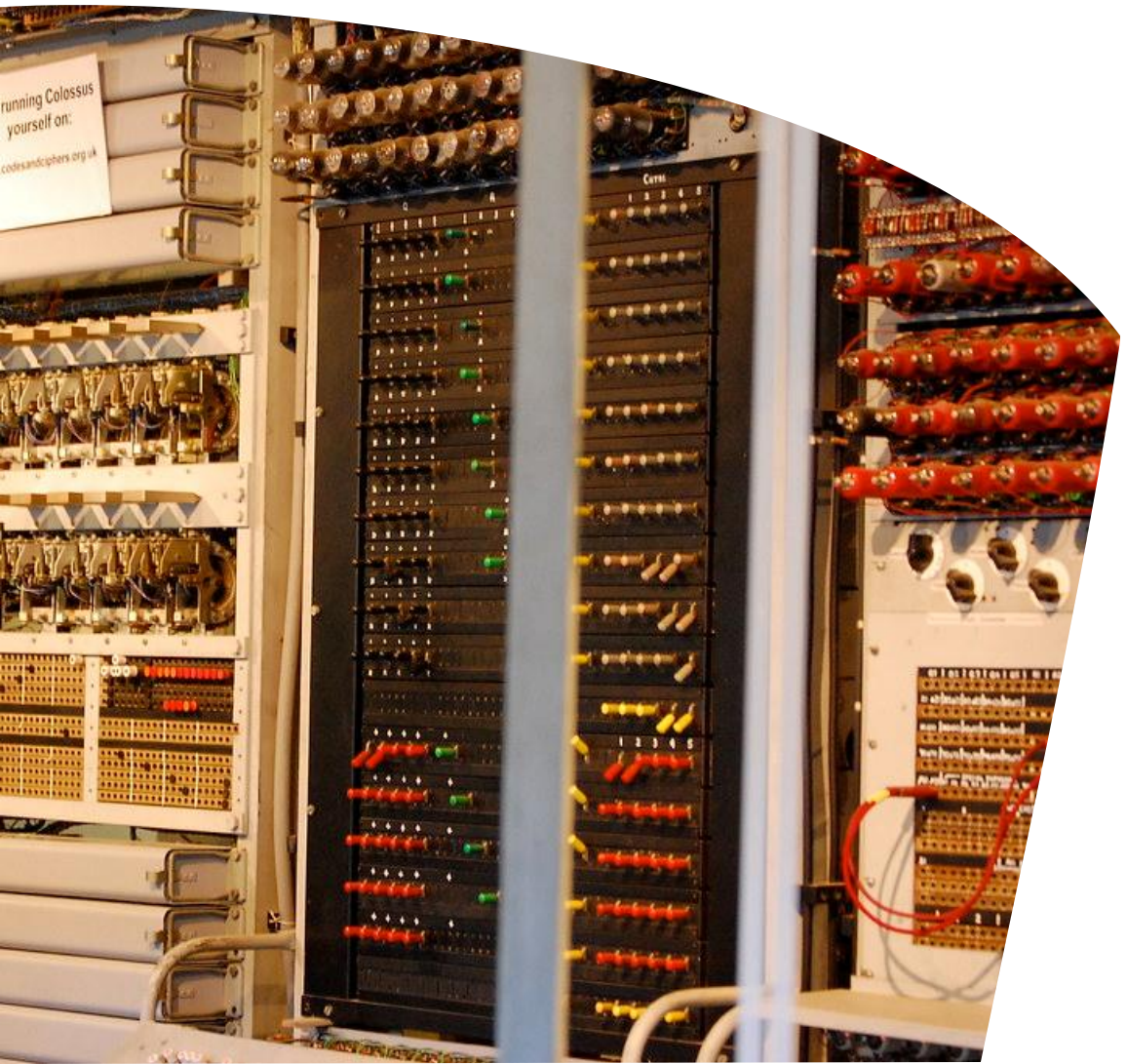
- What version of our databases is installed?
- How are all the servers configured?
- What kind of licenses do we have?
- Do we have security vulnerabilities?
- Exceptions to standards are, just almost, the rule

redgate | DEMO!

redgate | Dynamic Alerts

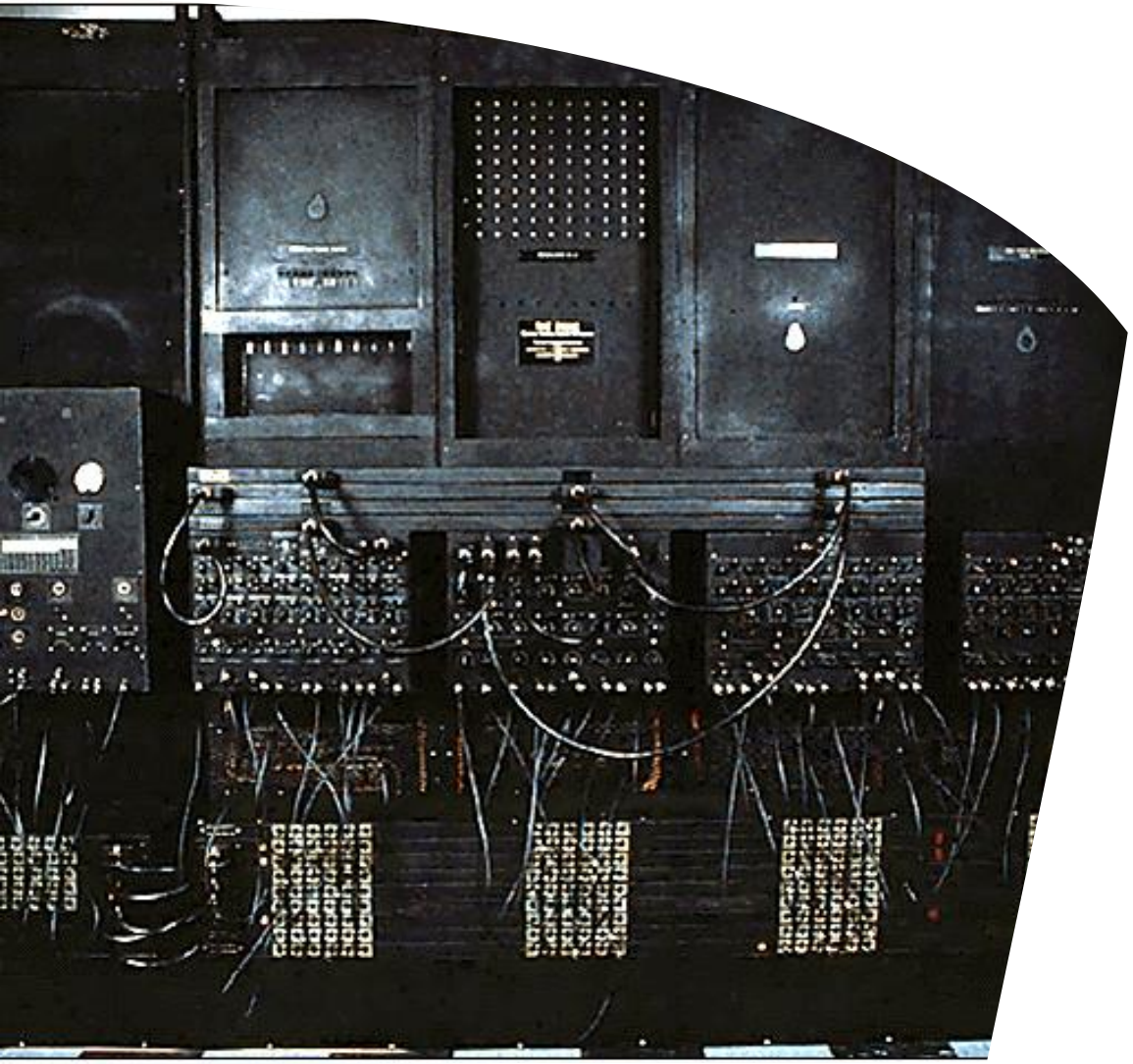
Machine Learning is not Artificial Intelligence

redgate | Alerting is Horrible

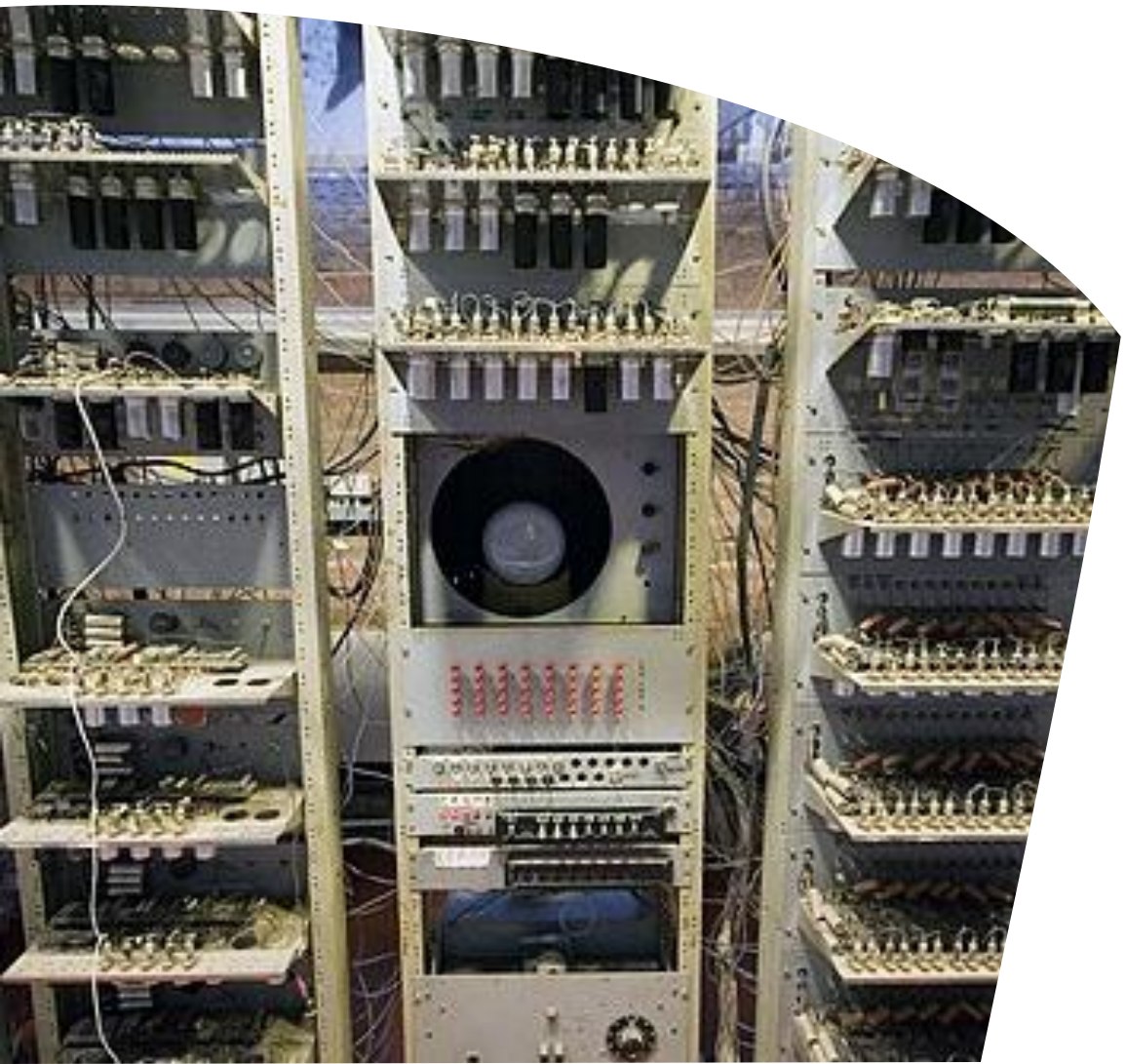


- The defaults are good, but not everywhere
- Creating exceptions takes time
- Behavior changes over time

redgate | Machine Learning & Dynamic Alerts



- Processor (CPU) Utilization
  - Windows & Linux
- Server Waits
  - SQL Server
- DTU Utilization
  - SQL Server & PostgreSQL
- Query throughput
  - SQL Server & PostgreSQL



- Each machine
- Each metric
- 14 days of usage data
- Projects out over the day
- Customizable thresholds

redgate | DEMO!

redgate | Multi-Platform

None of us work in one place any more.

redgate | The World is Multi-Platform

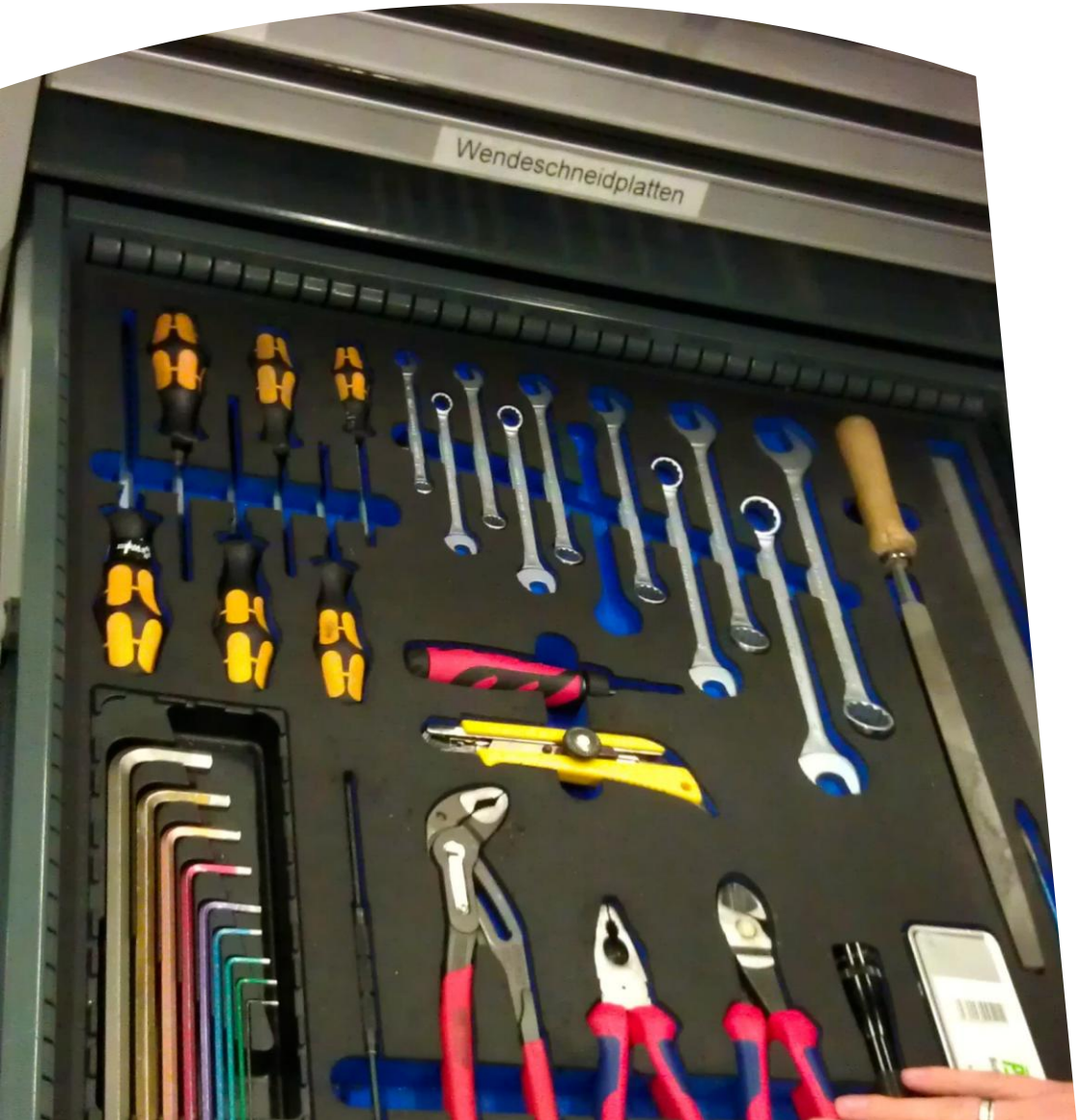
- Operating Systems
- Hybrid Cloud
- Data Platforms

Redgate Monitor is Multi-Platform

- Database:
  - SQL Server
  - Oracle
  - MySQL
  - PostgreSQL
- Cloud Platform
  - Azure
  - GCP
  - AWS
- Operating System
  - Windows
  - Yeah…. Linux

redgate | DEMO!

Session Goals



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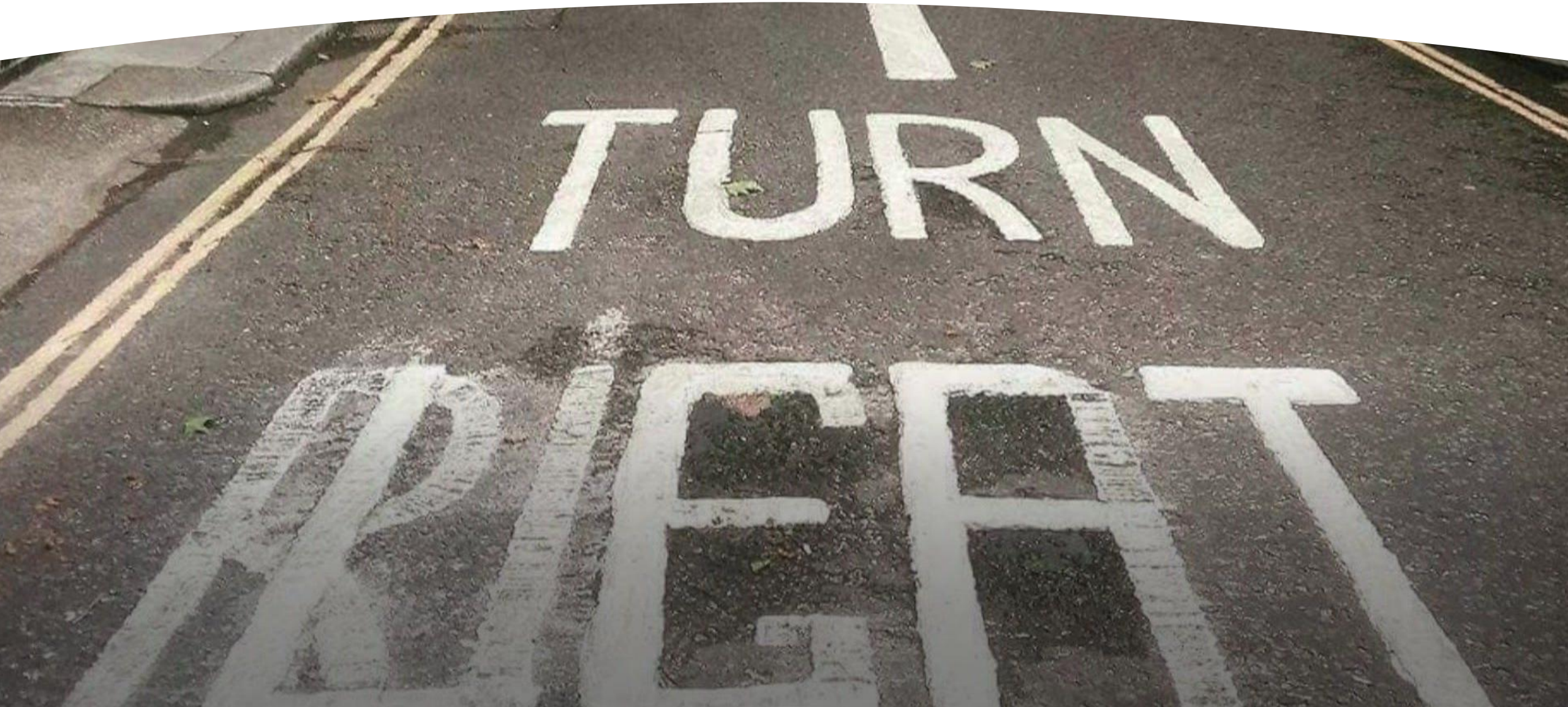
redgate | QUESTIONS?



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