Bringing DevOps To The Database
From Soaring to Nosediving
Faster, Better, Cheaper with DevOps

- Systems Thinking, Feedback Loops, Continuous Learning
- Dependencies & Statistical Variations → Flow Analysis & Bottleneck Reduction
- Work To Eliminate Toil (SRE Principle)
- Align Responsibility & Authority
- Democratize Visibility & Autonomy
What is Database DevOps?

1. Infra-As-Code Automation
2. Continuous Delivery
3. Application/Database Decoupling
4. Holistic Observability
5. Developer Responsibility
6. DBA Empowerment

Database DevOps Capabilities

Dickerson’s Hierarchy of Needs

Source
Three Pillars of Technology Strategy

- User Experience & App Performance
- Database Hosting & Tech Migrations
- Digital Transformation & DevOps
How Can You Get Started?

1. Put Out The Fires
2. Secure Your Progress
3. Improve Production Capacity
Speed Wins In The Marketplace
Find Us At Booth #105

Resources & Reading: Botros, Reilly, Daniels, Limoncelli, Kim & Orzen