SOLVING THE TEST DATA BOTTLENECK
SOFTWARE IS IMPORTANT!

BUT WHY?
COMPETITIVE ADVANTAGE

AGILE

BIG DATA

DEVOPS

SCRUM

SERVICE VIRTUALIZATION

TEST AUTOMATION

AI
THE DEVOPS PIPELINE

Commit → Build → Test → Stage → Deploy

Development → Continuous integration/delivery → Production
Lost by searching and finding the right test data
THE DEVOPS PIPELINE

Commit  Build  Test  Stage  Deploy

Development  →  Continuous integration/delivery  →  Production
WHICH TEST DATA DO WE USE?

PRODUCTION DATA

SYNTHETIC TEST DATA
WHY NOT PRODUCTION DATA

PRODUCTION DATA
- Expensive
- Time Consuming
- GDPR

SYNTHETIC TEST DATA
WHY NOT SYNTHETIC DATA

PRODUCTION DATA
- Expensive
- Time Consuming
- GDPR

SYNTHETIC TEST DATA
- Not representative
- More risk
- Too complex
GENERATE IT ALL?
ANOTHER OPTION

PRODUCTION DATA

SYNTHETIC TEST DATA

MASKING & SUBSETTING PRODUCTION DATA
SUBSETTING & MASKING

PRODUCTION DATA

SYNTHETIC TEST DATA

MASKING & SUBSETTING PRODUCTION DATA

Save costs  Team Data  Compliant  Speedup  Chain consistent
OLD TEST DATA MANAGEMENT ARCHITECTURE

On average 5 – 7 days
SUBSET TEST DATA MANAGEMENT ARCHITECTURE
SUBSET TEST DATA MANAGEMENT ARCHITECTURE