



TIETOEVRY CREATE

Log Analyzing and Visualizing using AI

By Liubov Guseva

Eiffel Summit 2025



“

Open discussion



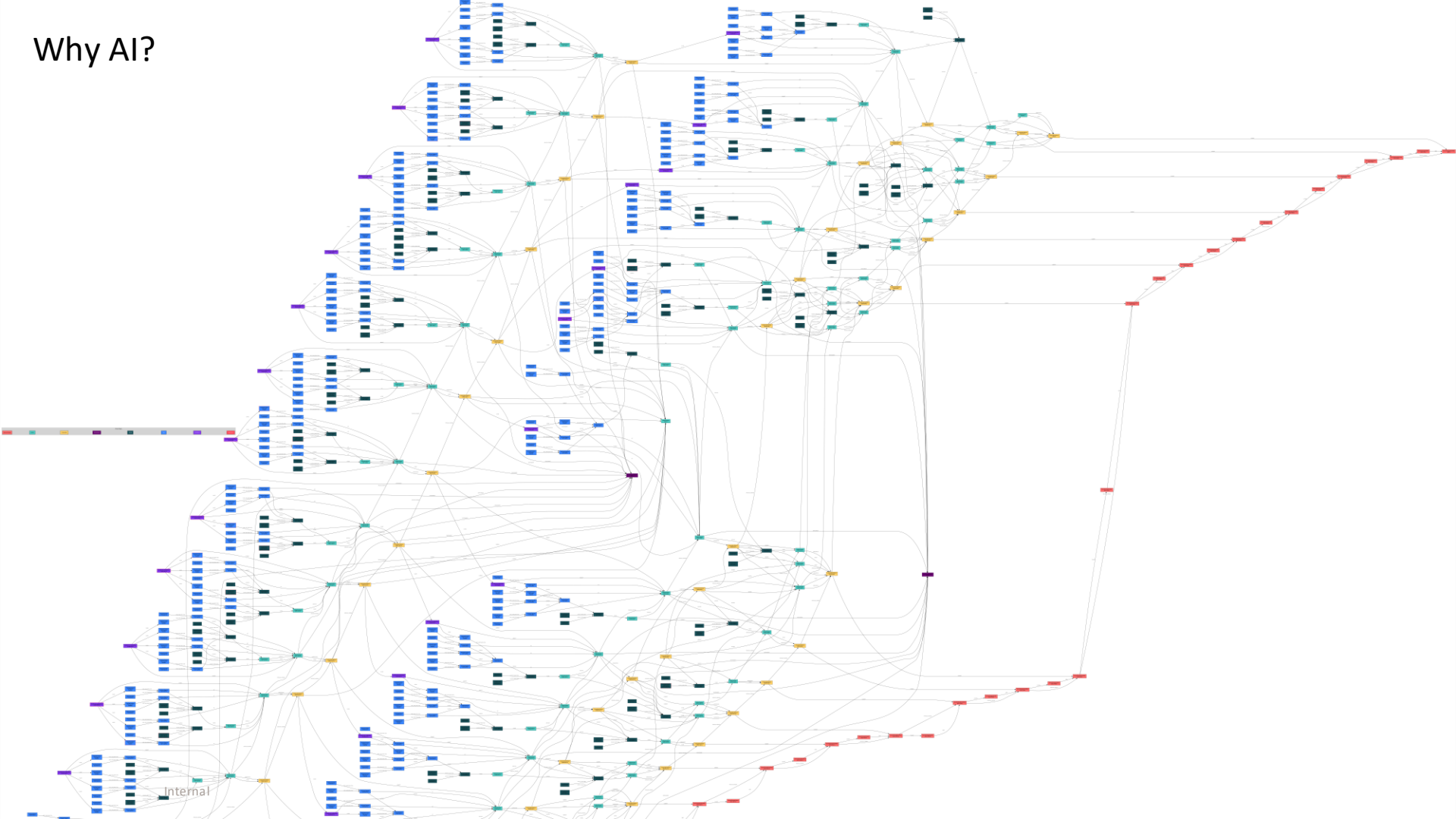
AI \neq LLM

Agenda

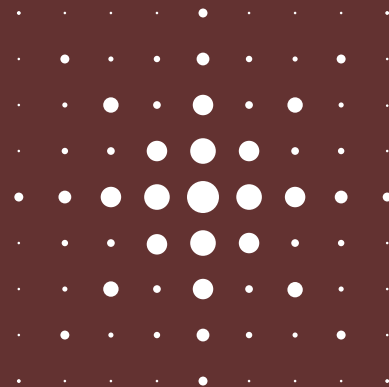


1. Why AI
2. Whom do we target
3. One Tool to rule them all
4. Where do we start

Why AI?



Why AI?



1

Improve

- Test selection
- Failure recovery
- Pipeline Efficiency

2

Analyze

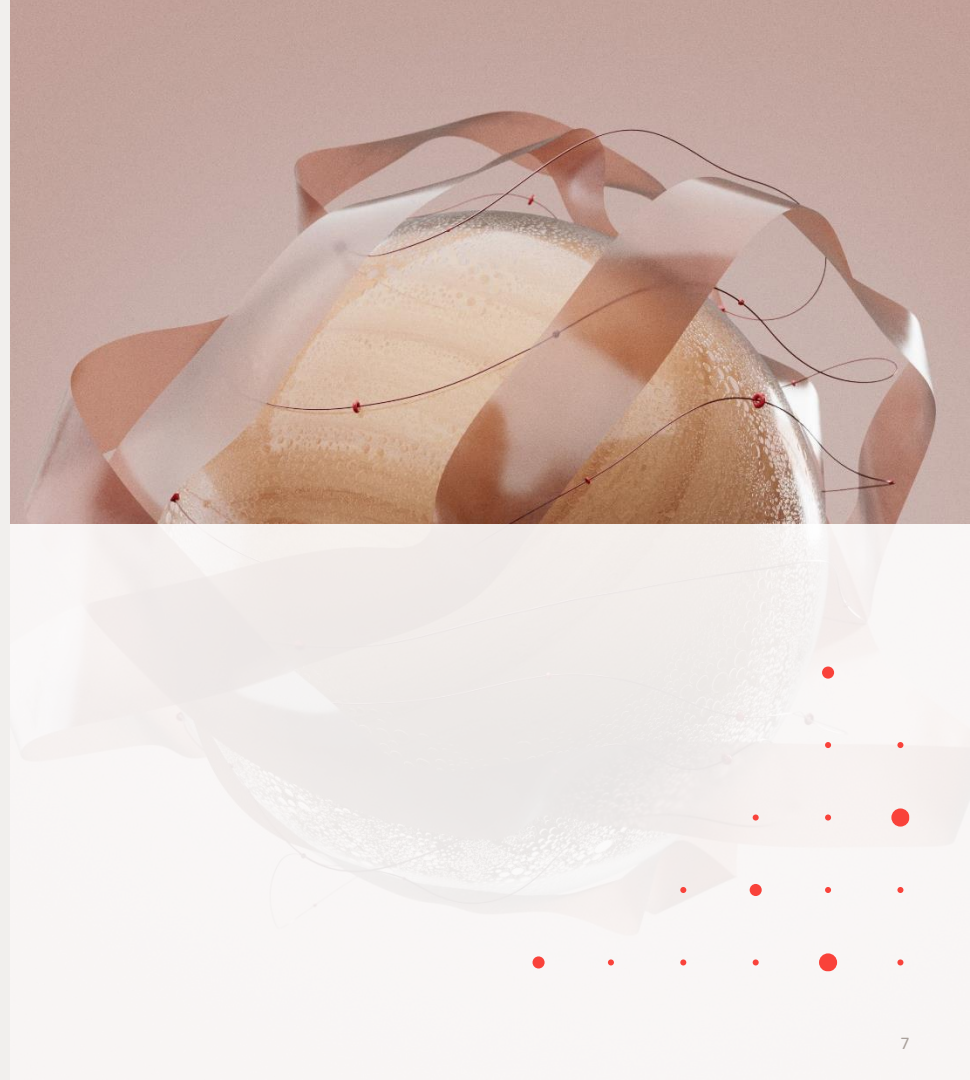
- Anomaly detection
- Dependency impact
- Flow health

3

Develop

- Smart visualization
- Predictive pipelines
- Recommendation system

Whom do we want to target?

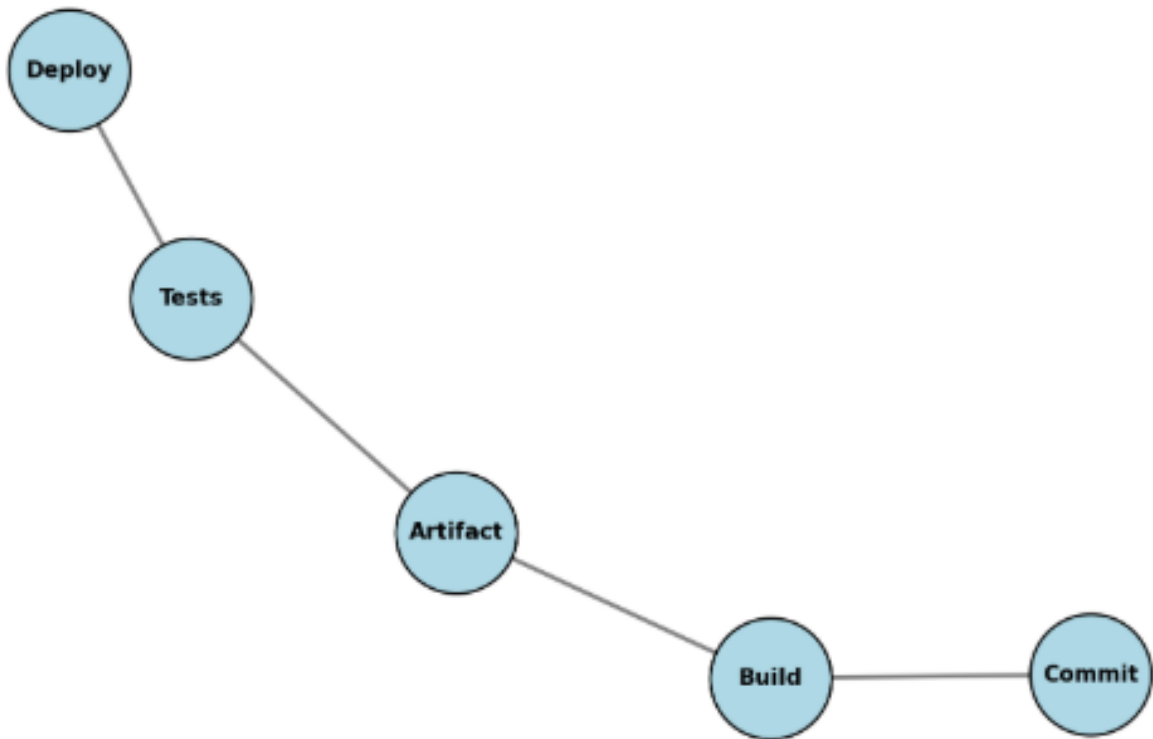


Developers

“Developers shall be responsible for monitoring their contributions in the integration flow and acting upon any faults they introduce”

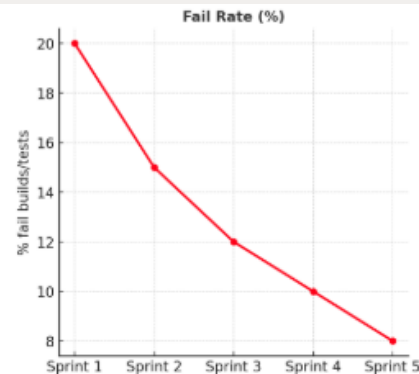
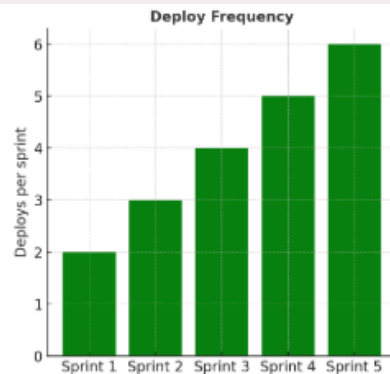
- Simplicity is the target
- Focus on 1 commit flow
- Did my code cause any issues?
- Visualisation

Eiffel Dashboard Flow



Product Owner

- Statistics and product quality are in focus
- Summary of tests and commits are interesting
- Focus on Downstream
- Data Analysis



Flow Guardian

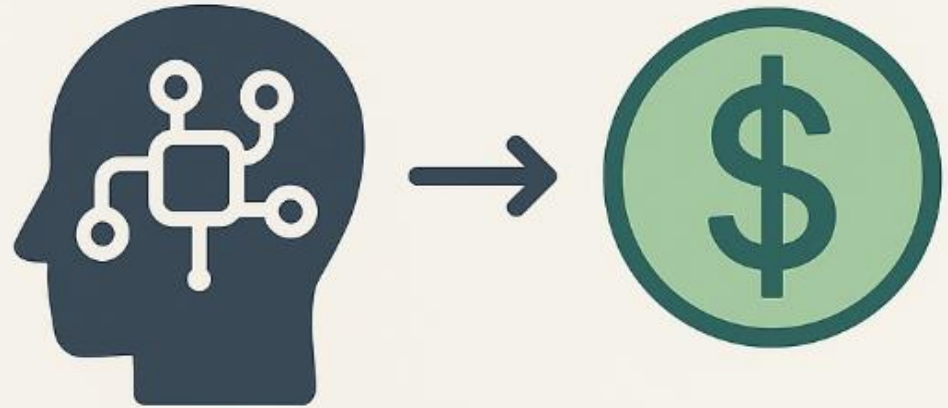
- Root cause analysis are in focus
- Focus on Upstream flow
- Log Analysis

Flow Guardian View of CI/CD Pipeline (Eiffel)



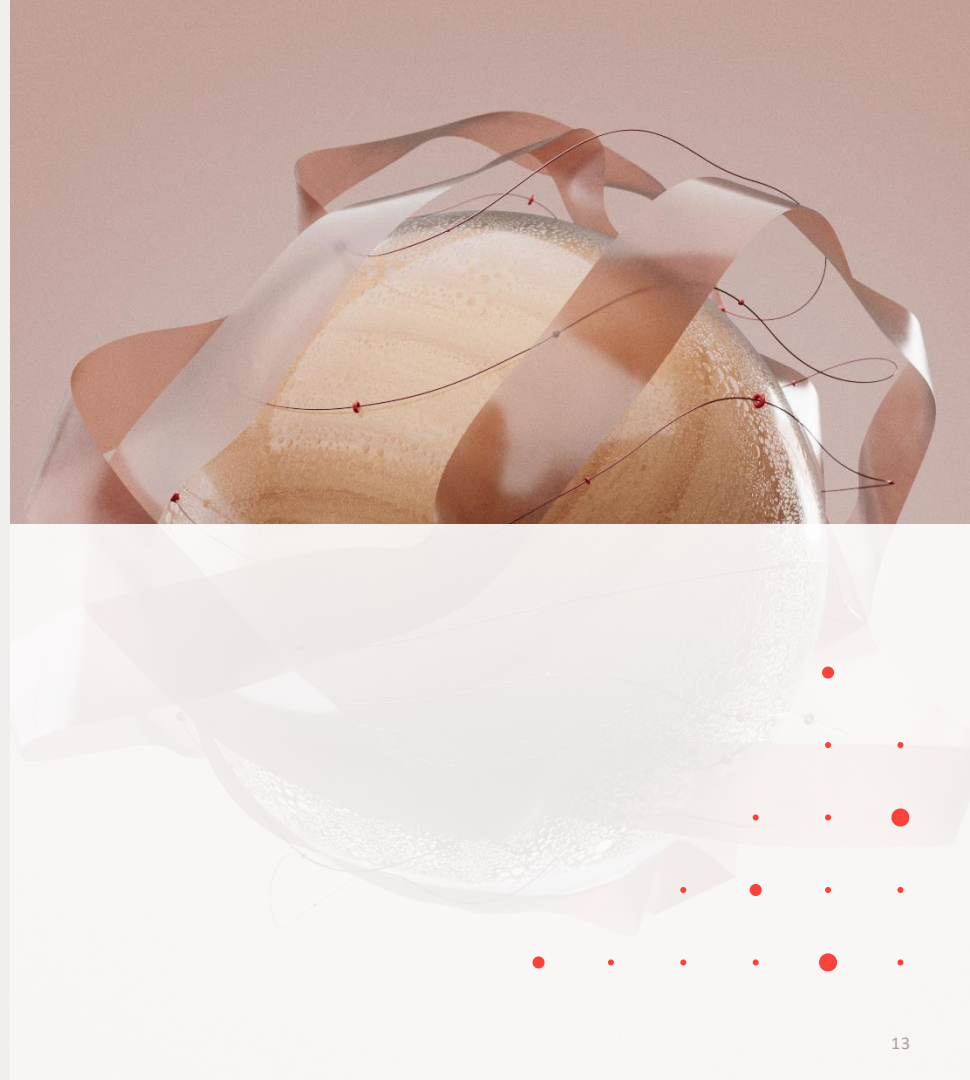
How about cost reduction?

- Optimization
- Capacity reduction
- Time improvements

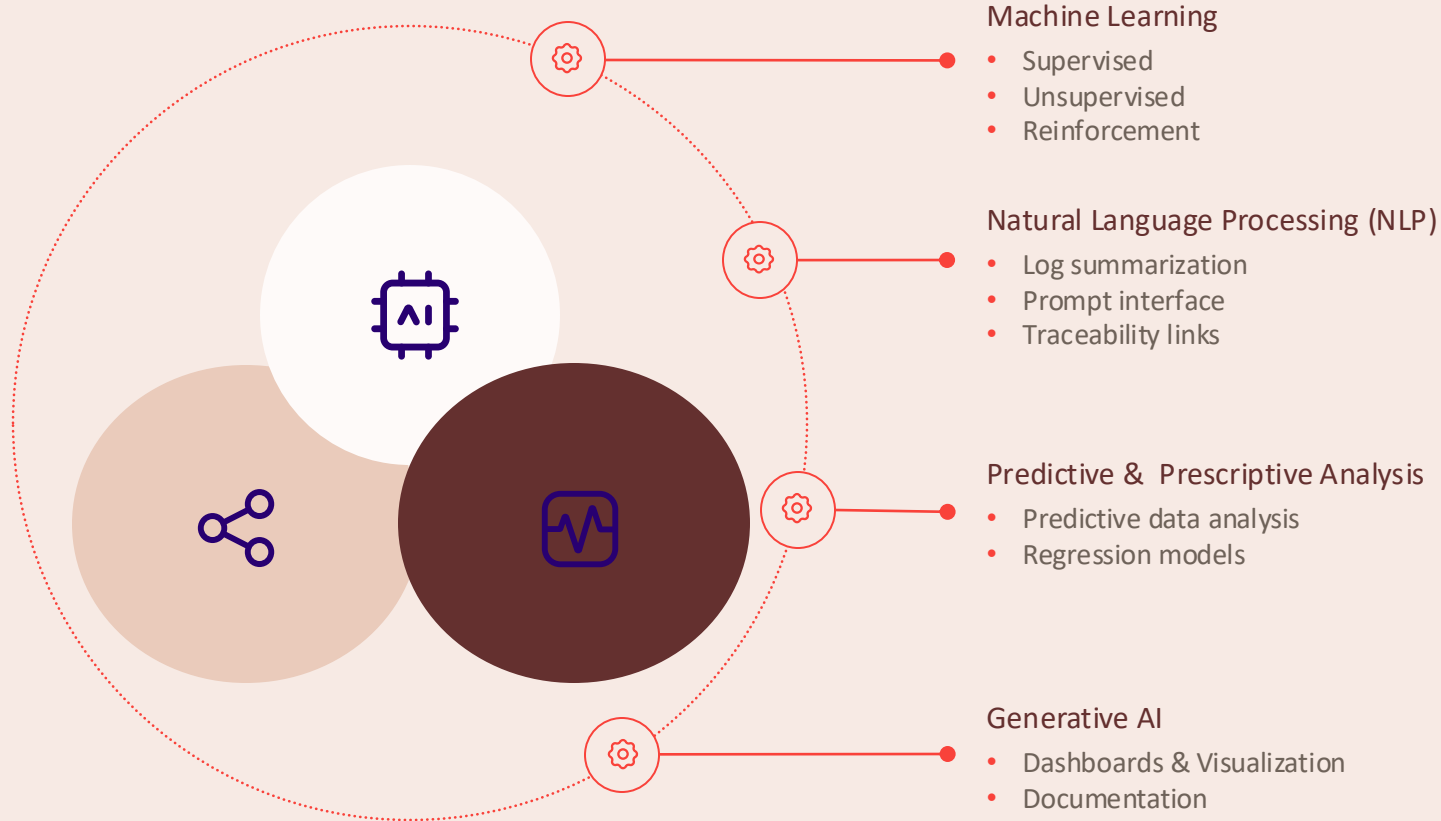




Where do we start?



What type of AI?



Thank you

