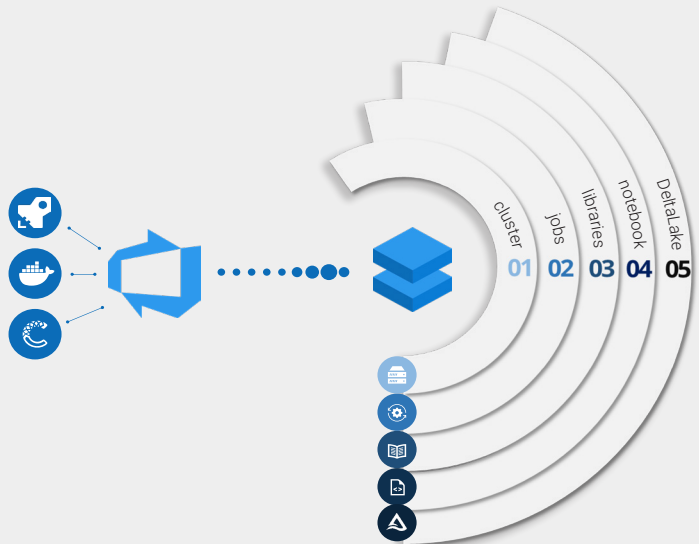


STREAMLINED PROCESSING & EFFICIENT AGILE DEVOPS

Successful redesign of a **custom analytic retrocession engine**, while laying the foundations for a broader analytics / data science platform.

This allows the team to **enhance and scale** their capabilities efficiently in an environment of **enterprise-grade compliance and security**.



CHALLENGES

Transition to a more or less blank cloud environment. From a core legacy application and data flows / model.

Architect a performant, scalable next-gen solution, highly flexible and extensible, while assuring robustness.

Simultaneous use for production as well as ad-hoc inquiries and exploratory what-if scenarios.

SOLUTIONS

Azure DevOps with repos & pipelines for agile development, CI/CD and "Infrastructure As Code" automation.

Integrated platform features to manage and monitor resources, to address permissions and security, backup, recovery and audit.

Custom Python / Spark application on Azure Databricks with Lakehouse architecture. MS Azure services like Data Factory for data flows and PowerBI for reports.

Decrease time to market, better insights: Faster assessment of various use cases and new potential business. Supports innovative ideas and complex modeling through enhanced flexibility and performance.



Cutting-edge technology: Services can be seamlessly upgraded to latest versions with the latest features.



Dual mode with single source of truth: Azure solution enables scheduled execution of batch jobs and at the same time safe exploration of production data by actuaries via notebooks.

“ Azure DevOps facilitates best practices of modern (Sec-)DevOps and CI/CD. From the start we set the project up with automated build pipelines, which we could later easily complement with release pipelines to ultimately have fully automated and governed deployments.

