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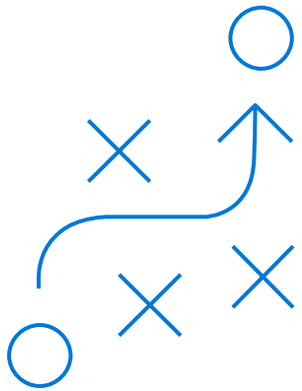
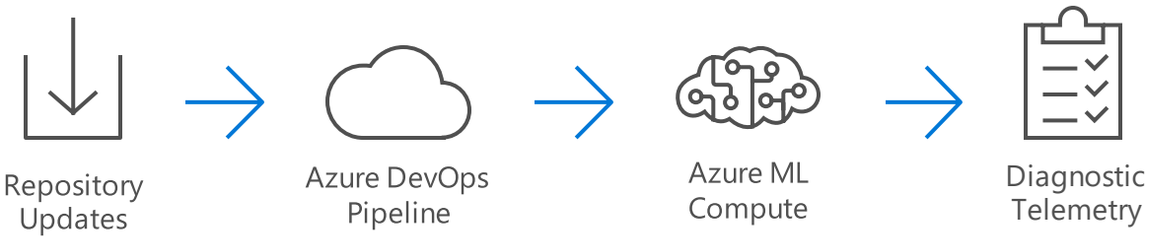
Mission Statement

Streamlining and expediting a data scientist's CI/CD workflow





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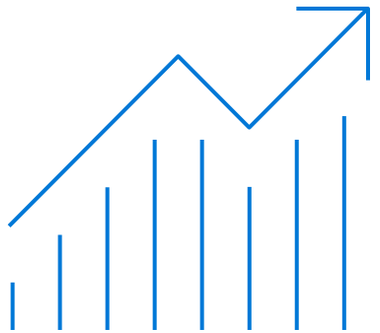
Optimizations



- Agentless pipeline steps reduce wasted agent-hours spent idling while notebooks are running
- Validation of custom images and dependencies
- Improved telemetry in Azure DevOps offers intuitive story to debugging and resolving notebook errors
- Intelligently filtering notebooks to validate based on whether edits could introduce breaking changes

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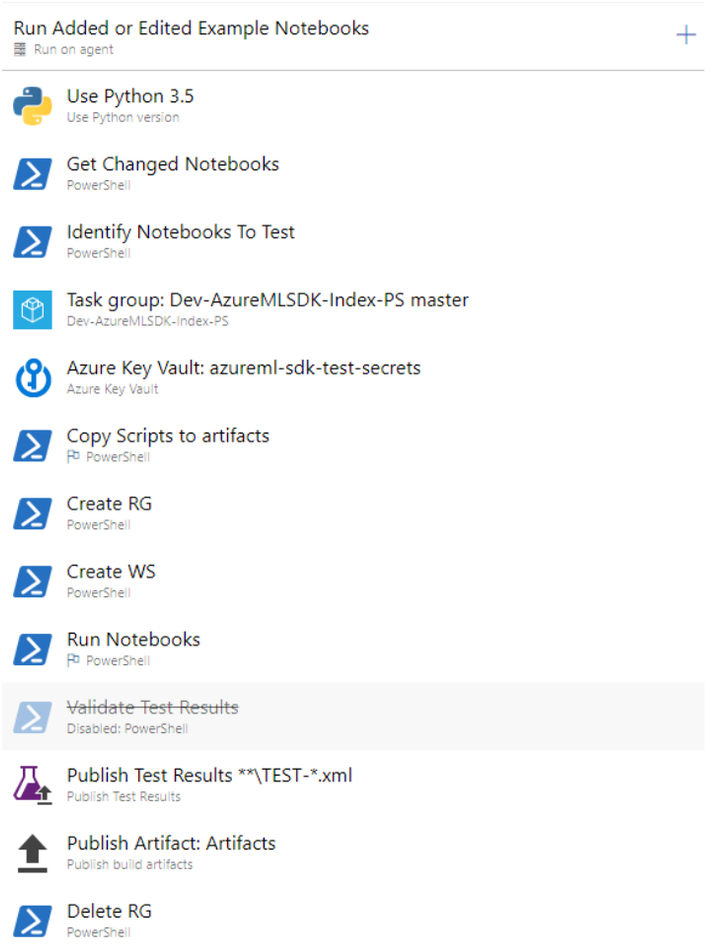
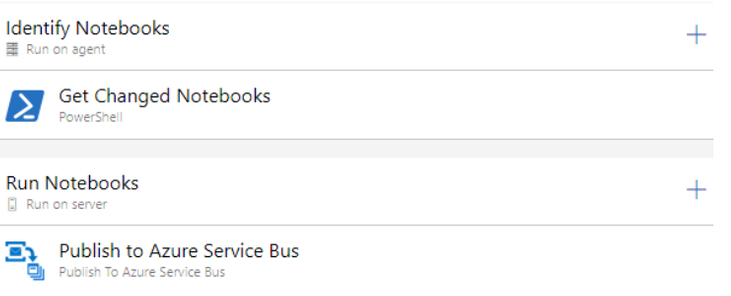
Pipeline Definition





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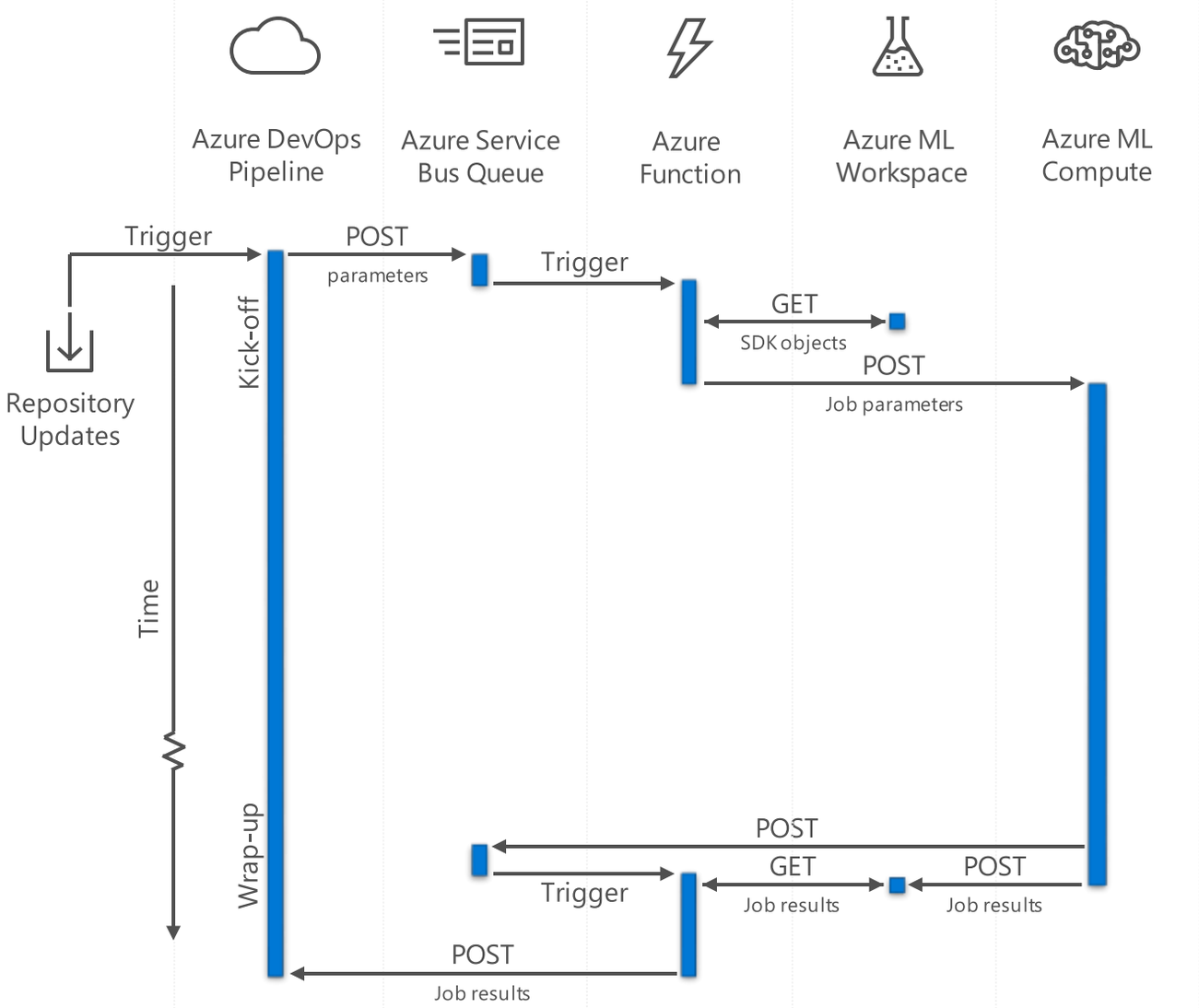
Sequence Diagram



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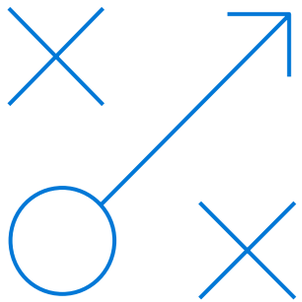
Looking Forward



- Recognizing the Azure ML API should be re-worked, avoiding bloated SDK that hurts operationalization
- Emphasizing the importance of event-driven architectures and their role in operationalization
- Building a more comprehensive end-to-end operationalization of AzureML

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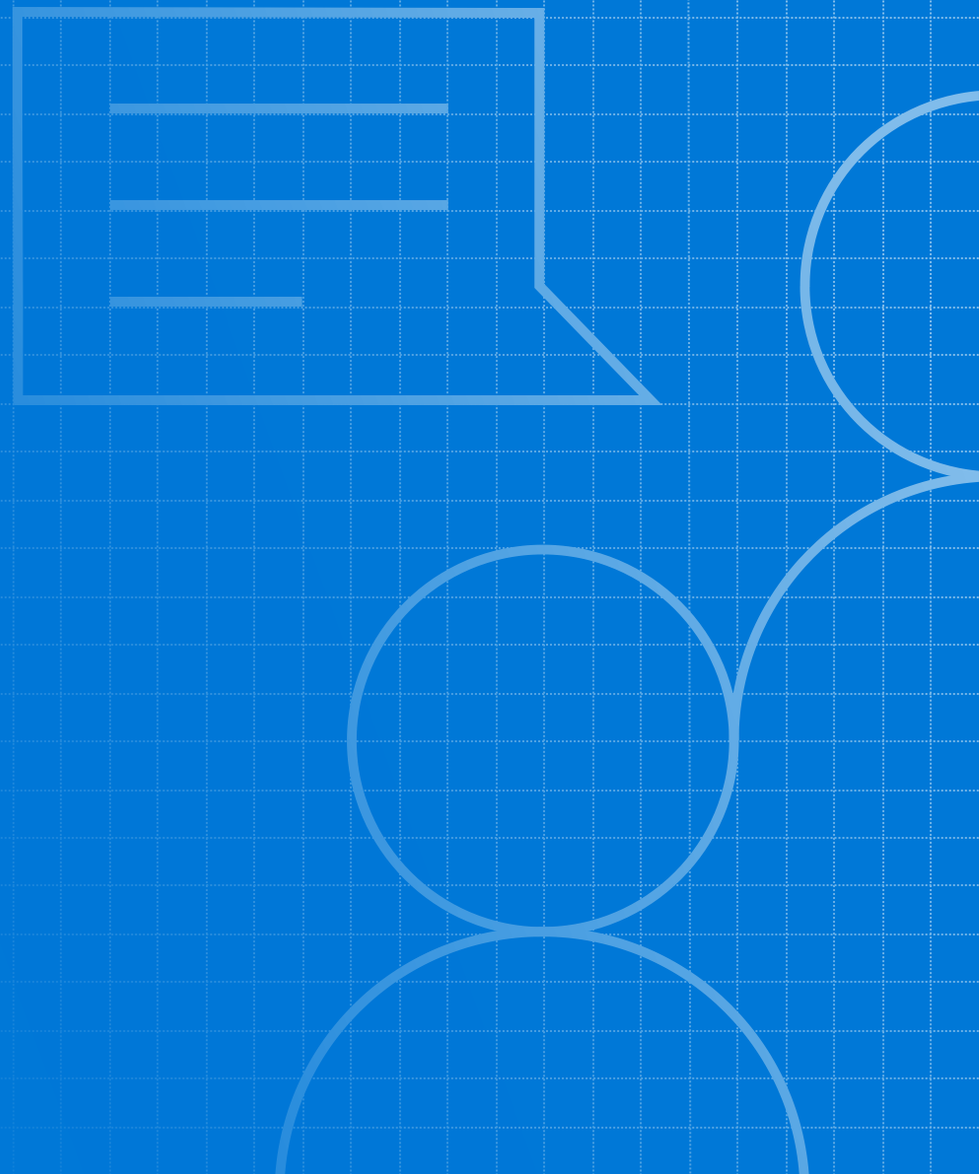
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