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Model Drift: The Big Picture

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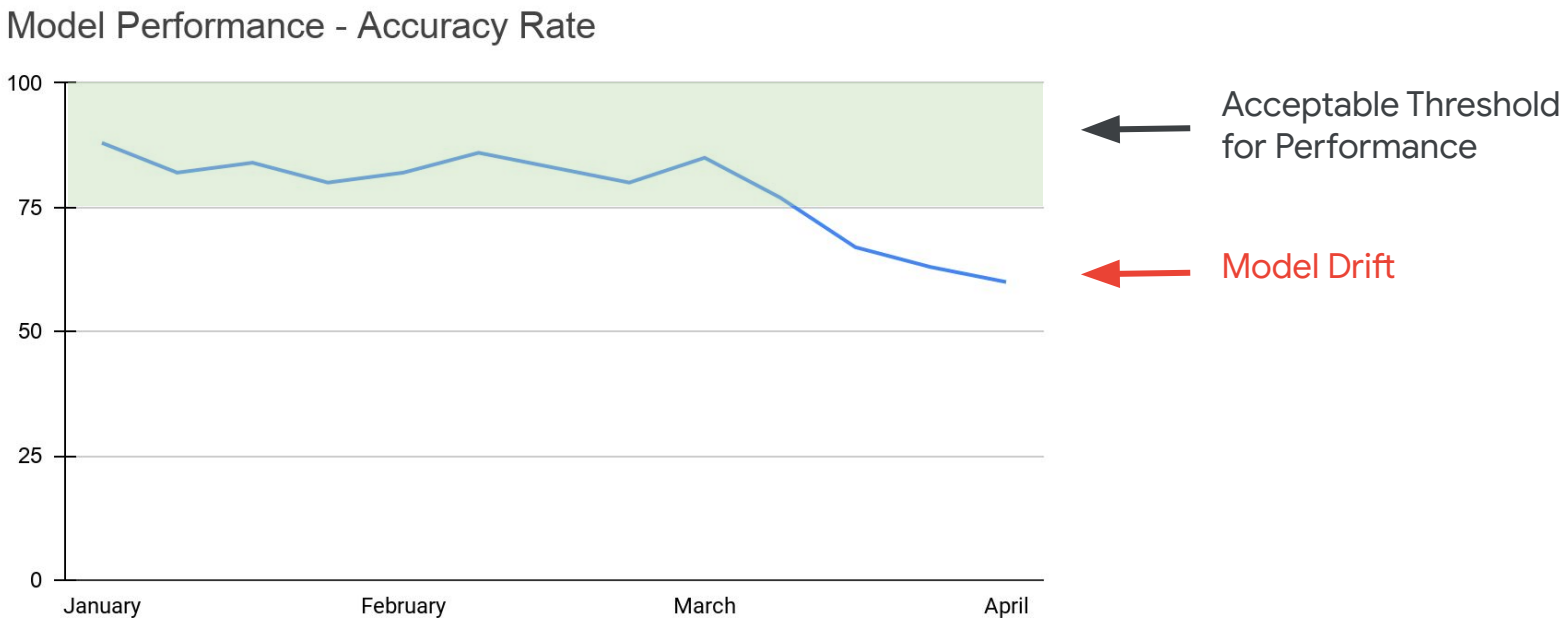

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Drift Types

Concept Drift

the affected *old data*
needs to be relabeled

Data Drift

enough new data
needs to be labeled

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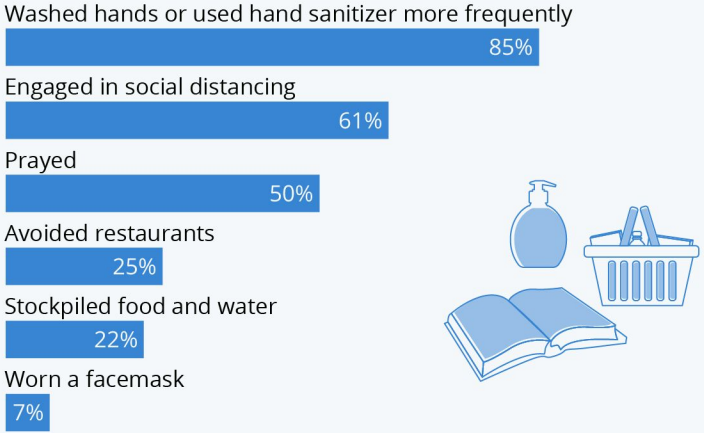
Eat, Pray, Wash

Share of Americans who said they have done the following because of COVID-19



Survey of 2,436 U.S. residents, March 10-12, 2020
Source: University of Southern California

statista

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Consequences of COVID-19 on ML

- The model's accuracy in predicting **store availability** fell from 93% to 61% due to a shift in buying preferences.

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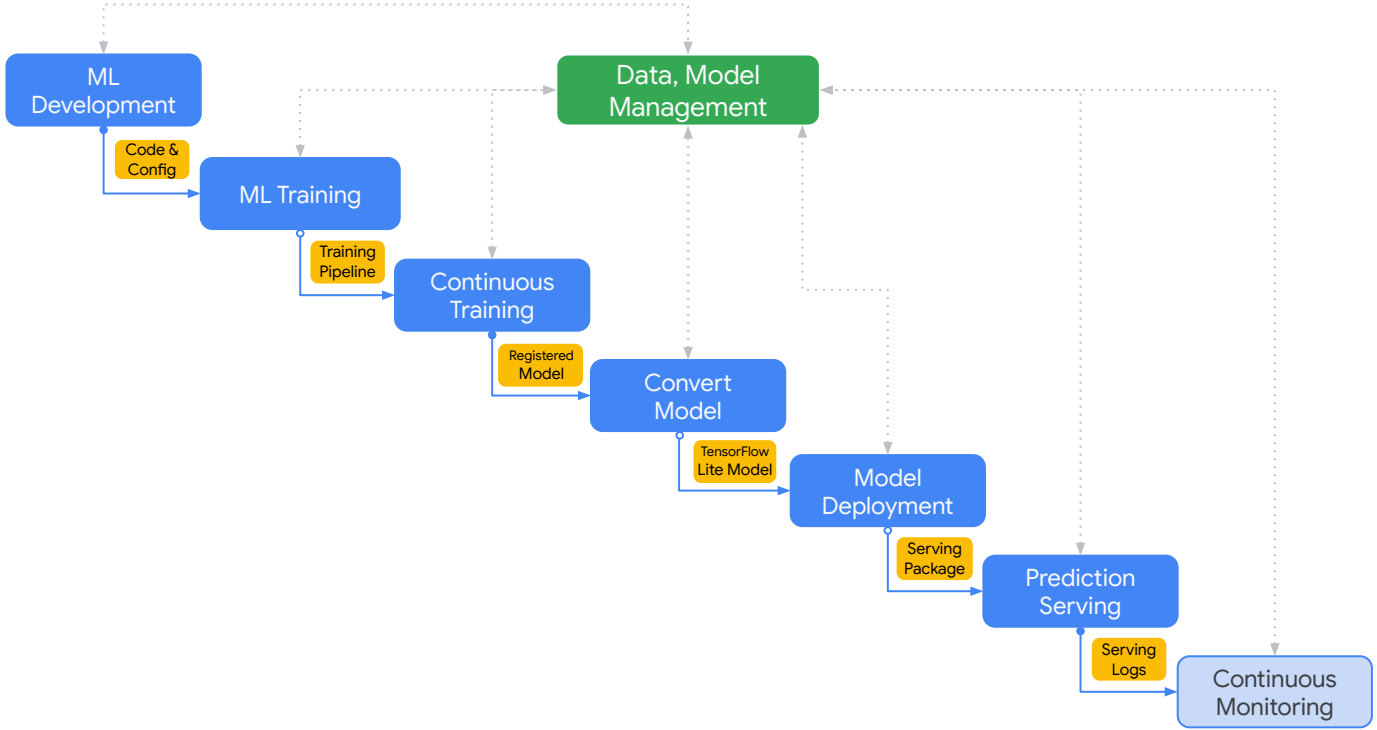
The MLOps Process for **TinyML**



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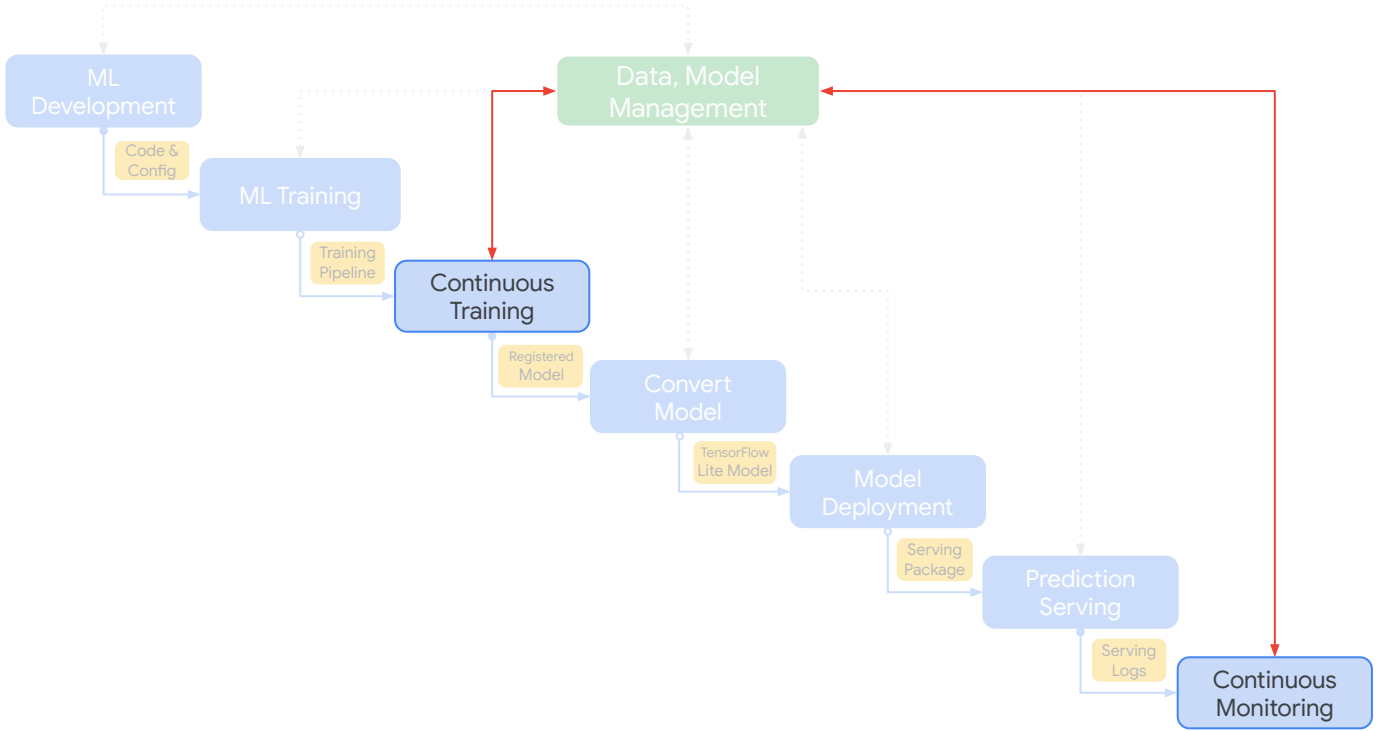

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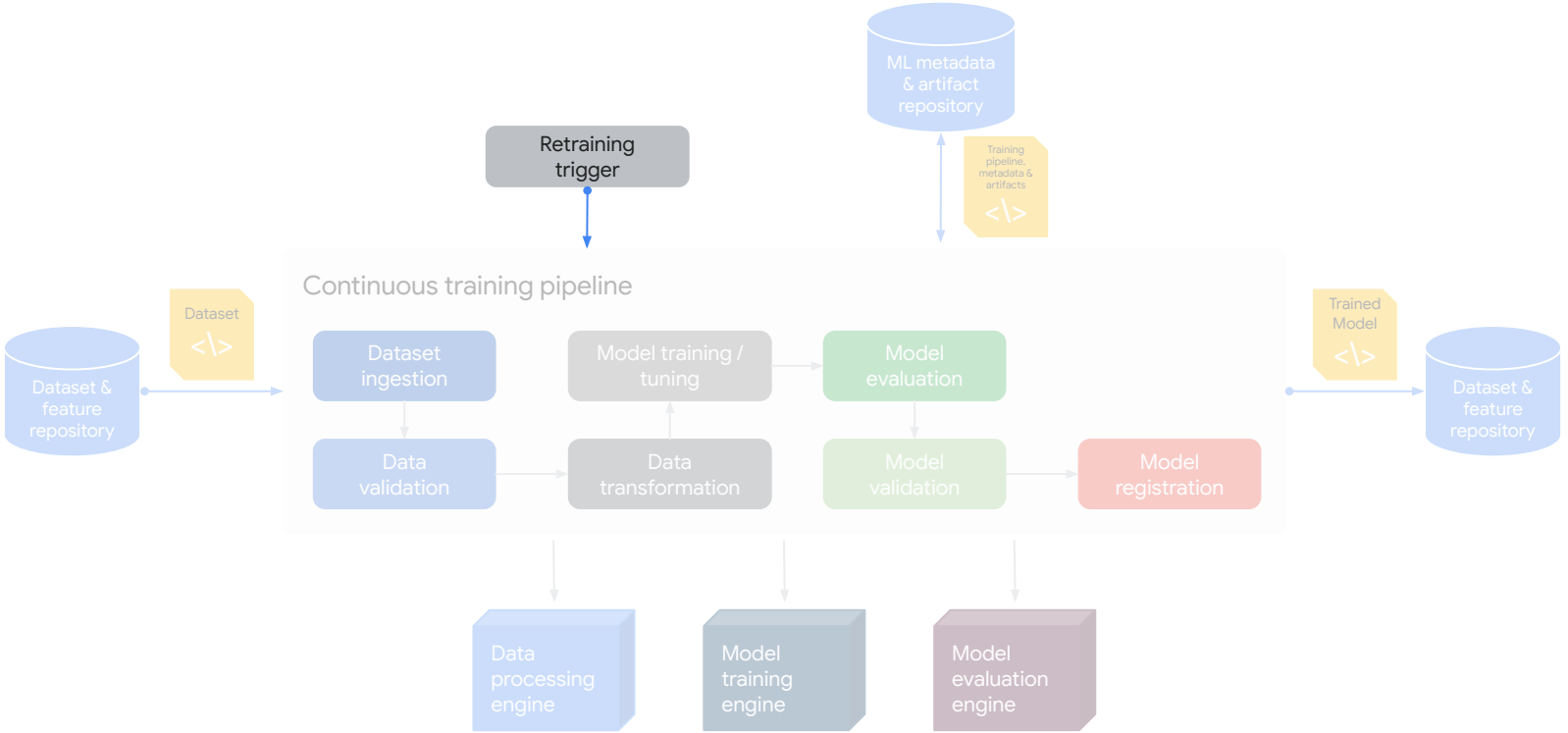
MLOps: Continuous Training



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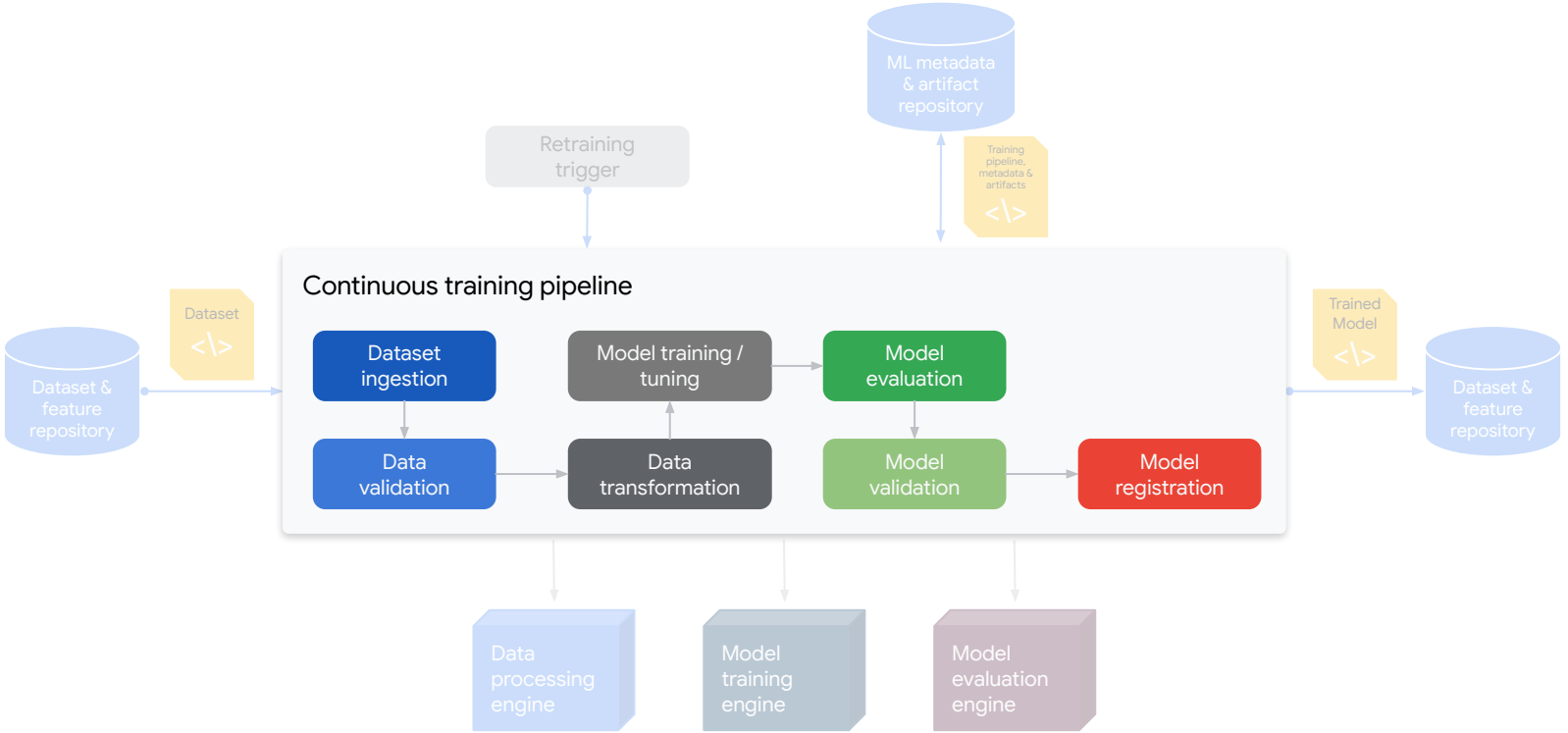

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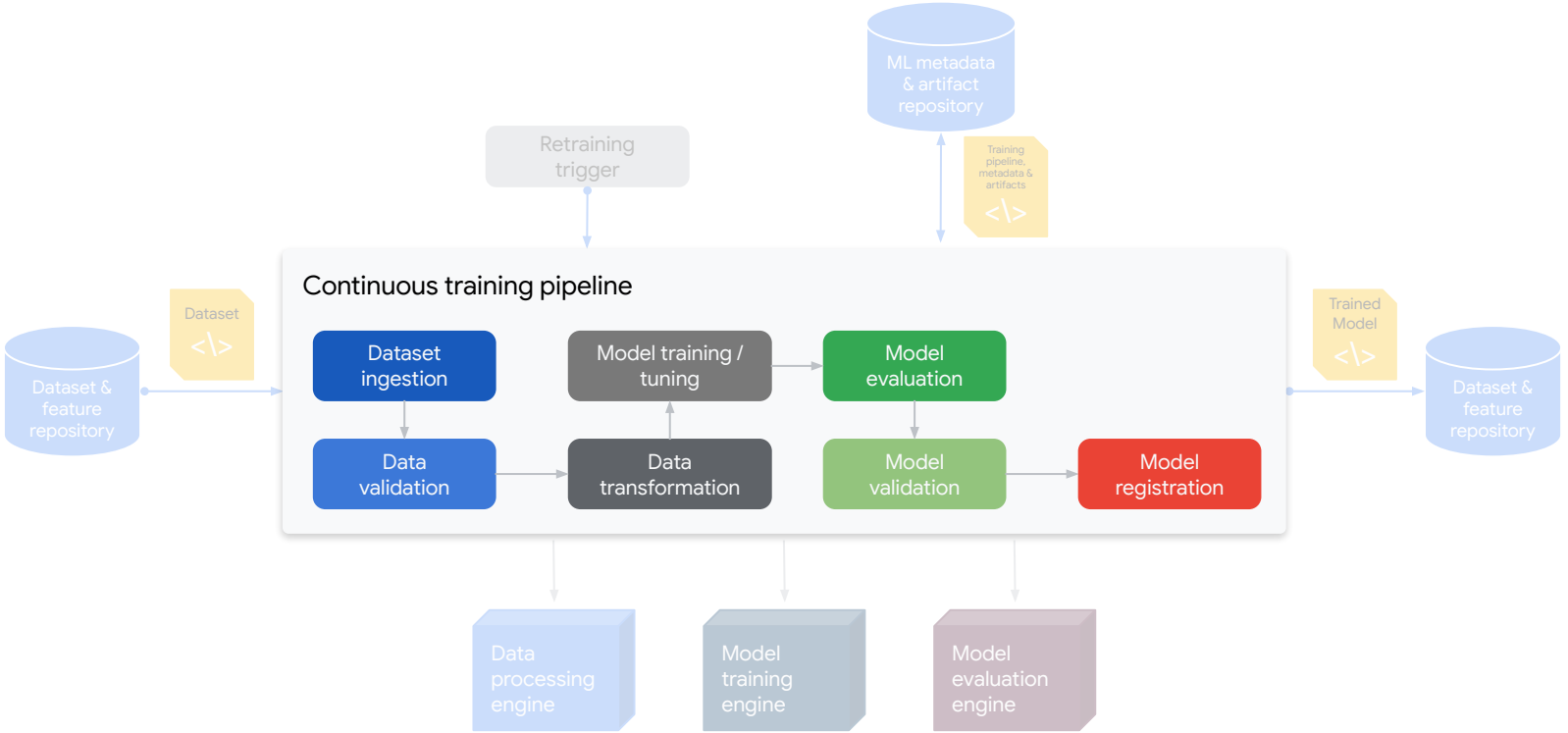

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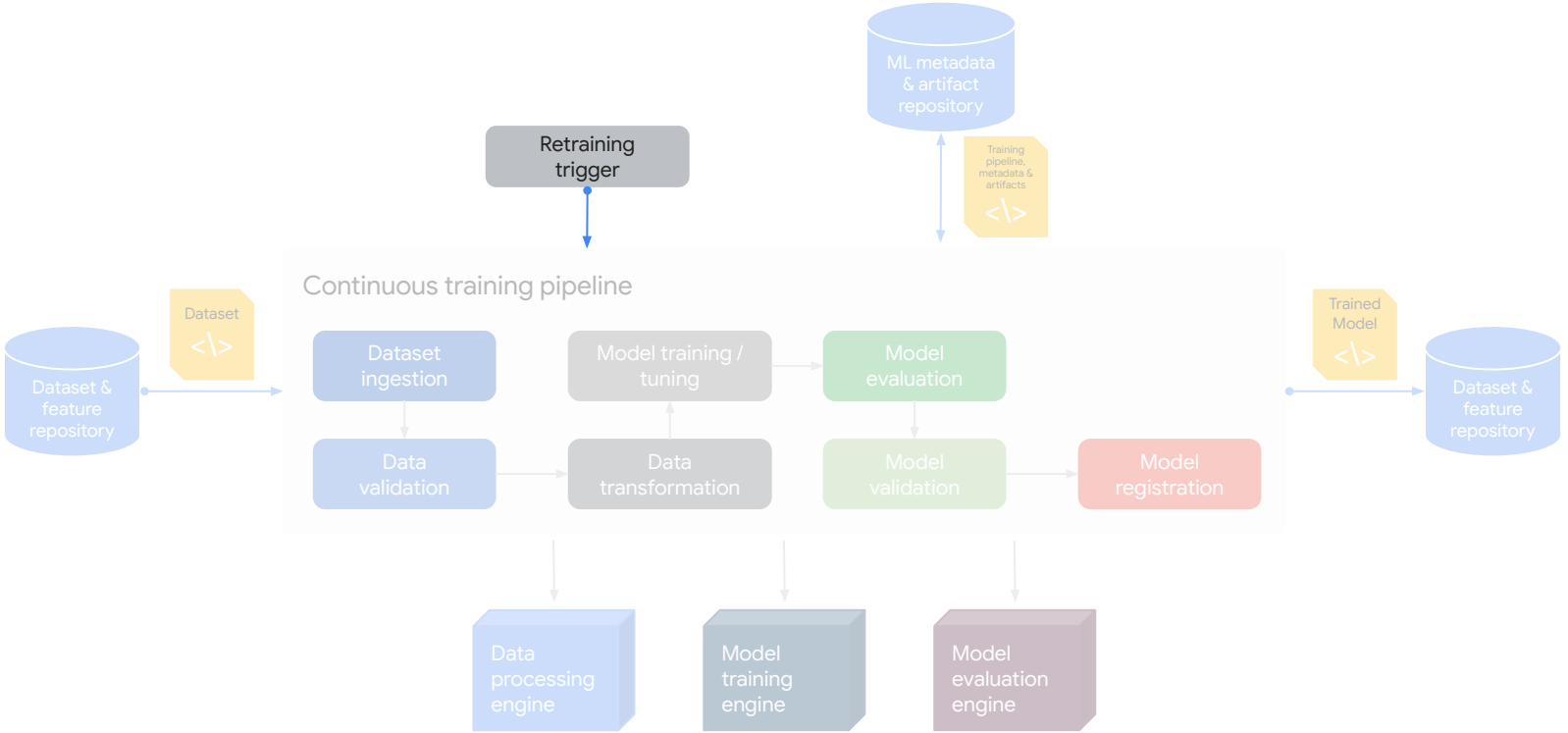

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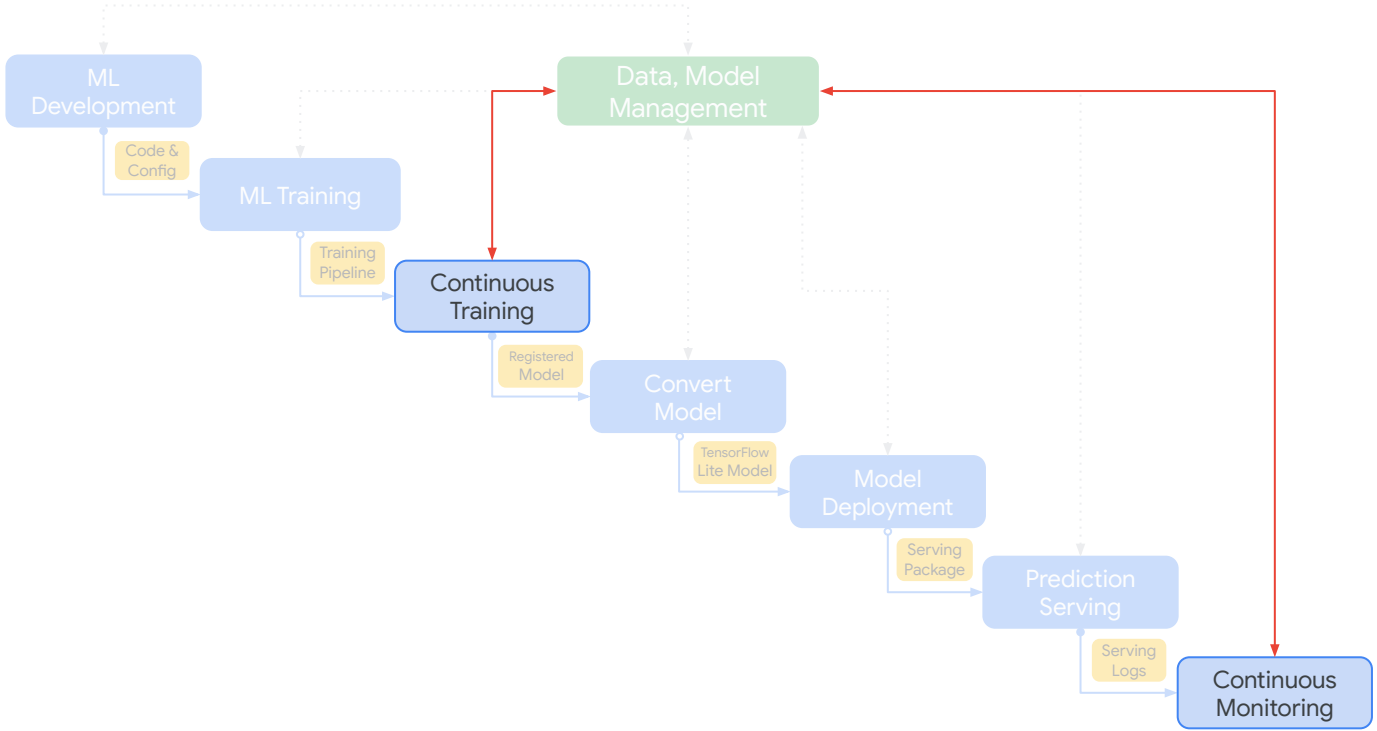

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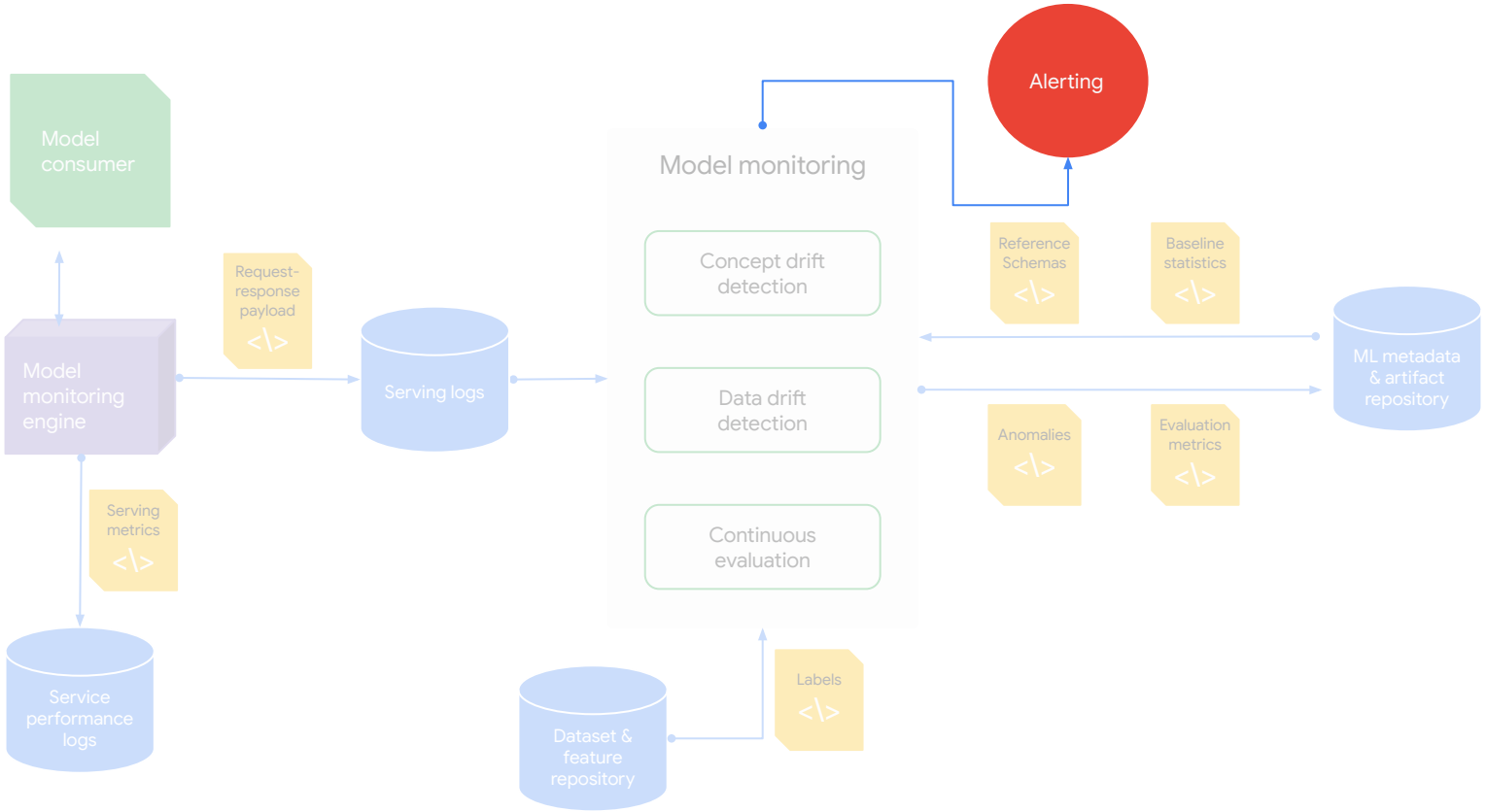
MLOps: Continuous Monitoring



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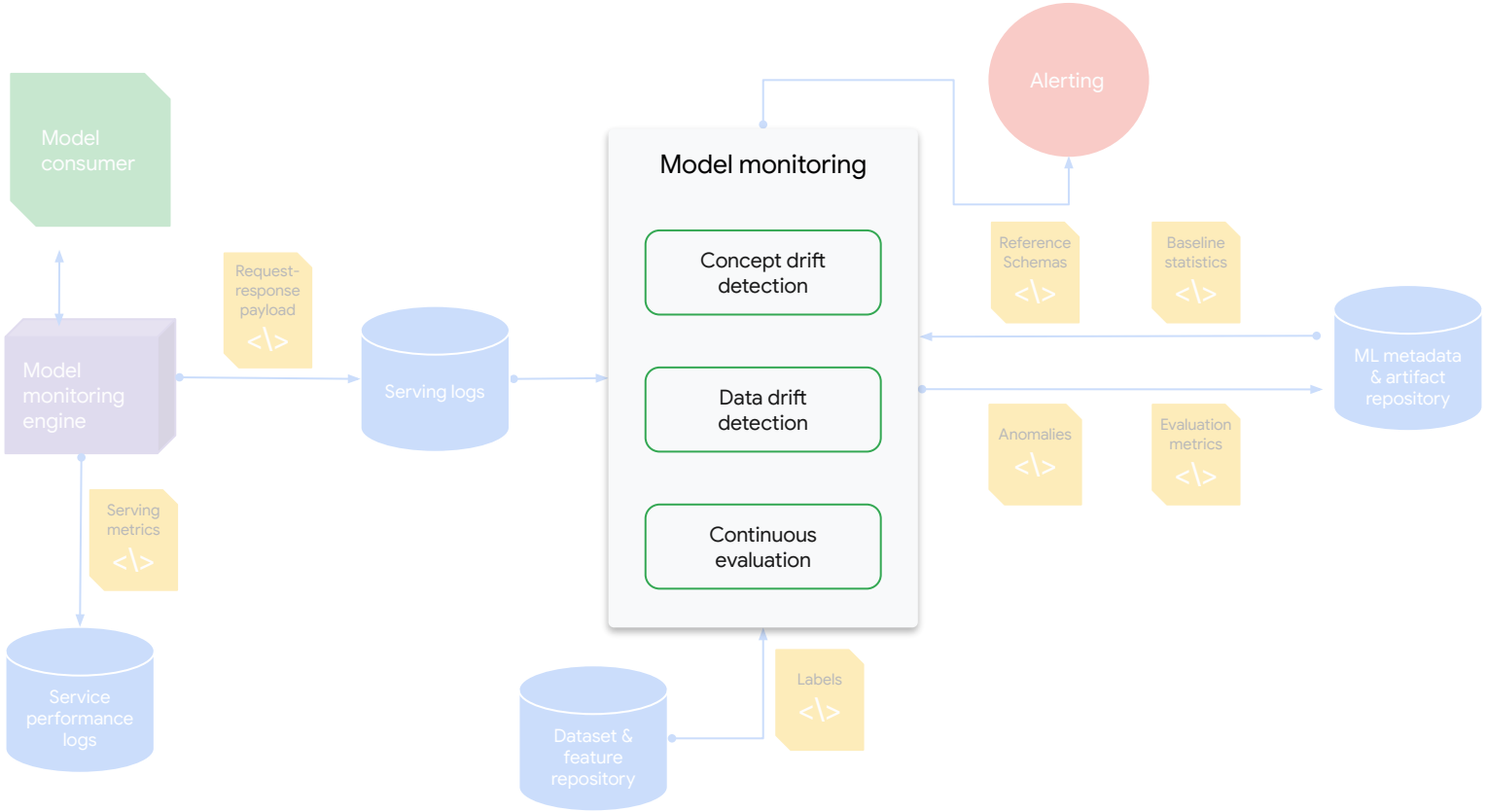

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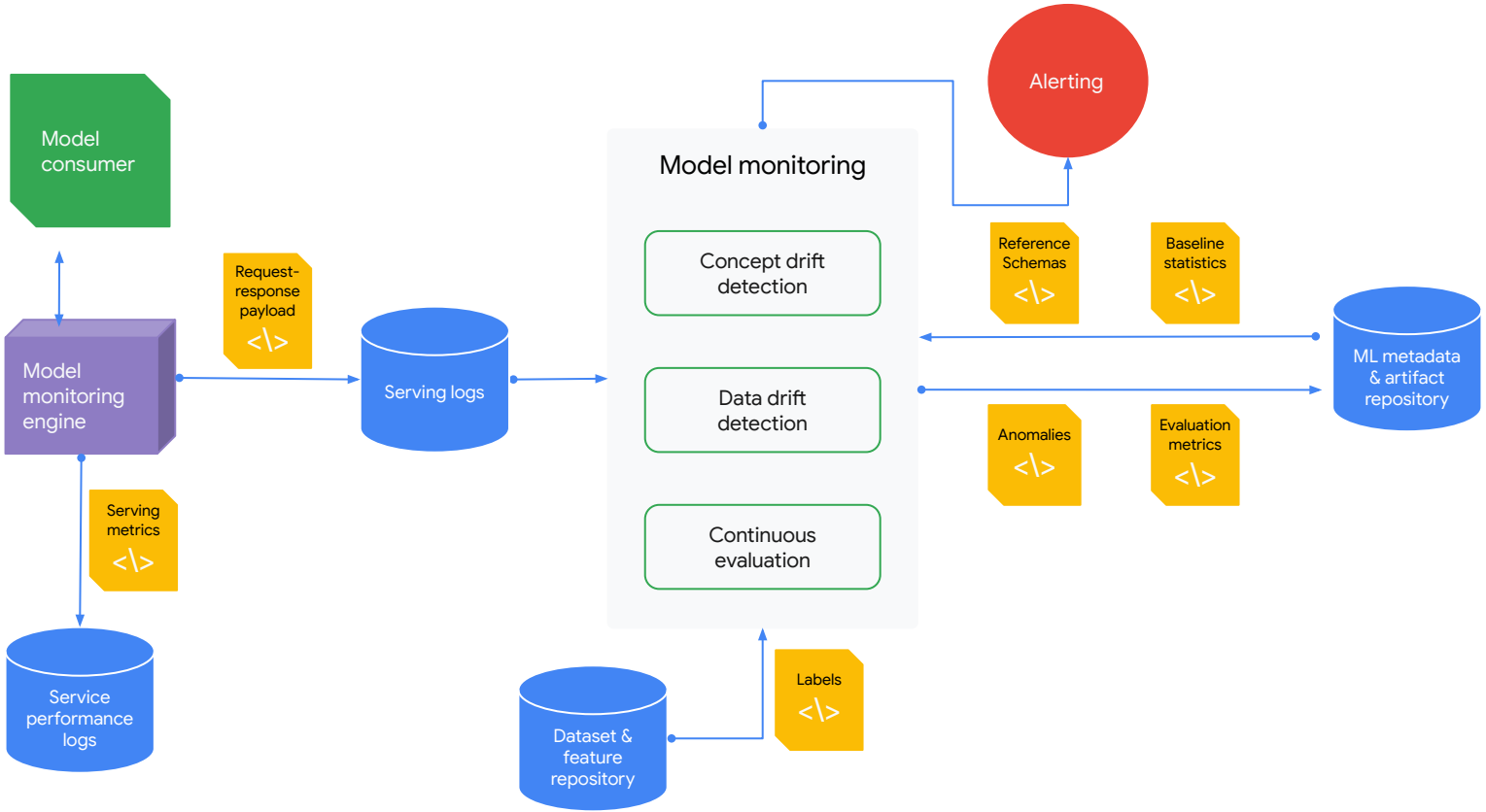

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The MLOps **Personas**

ML Engineer

ML Researcher

Data Scientist

Data Engineer

Software Engineer

DevOps

Business Analyst