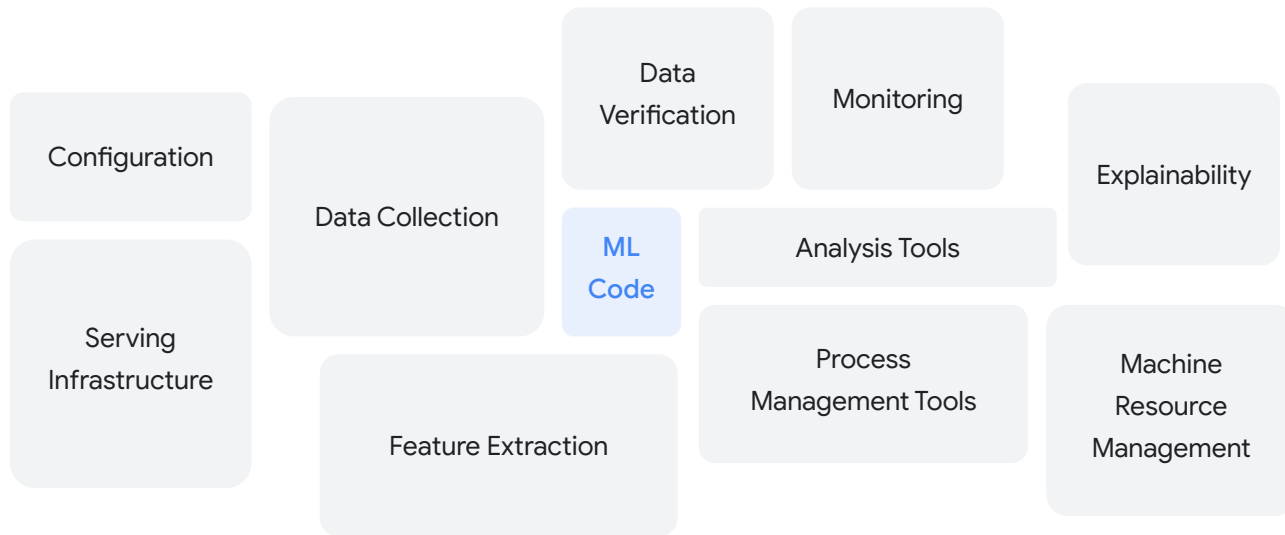
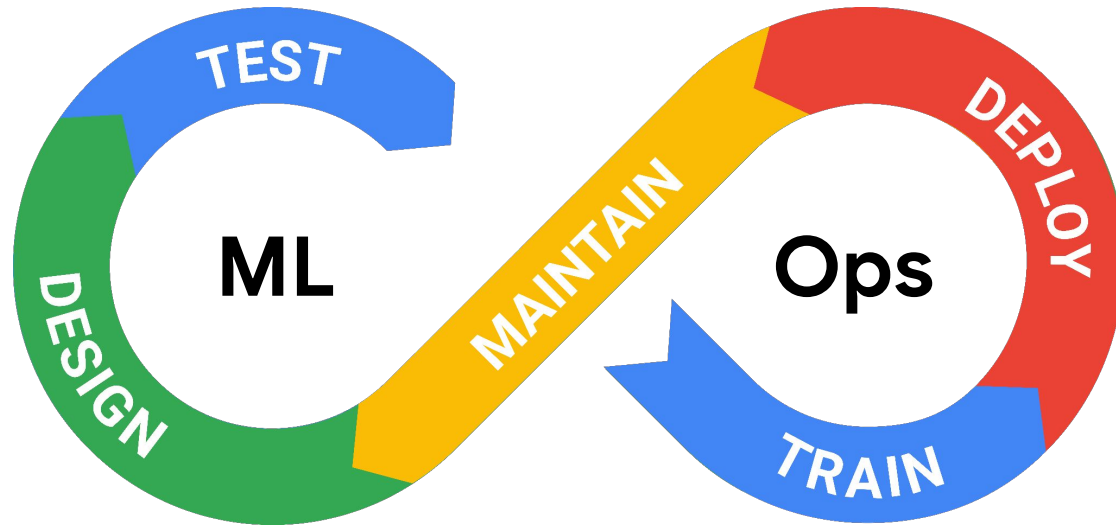


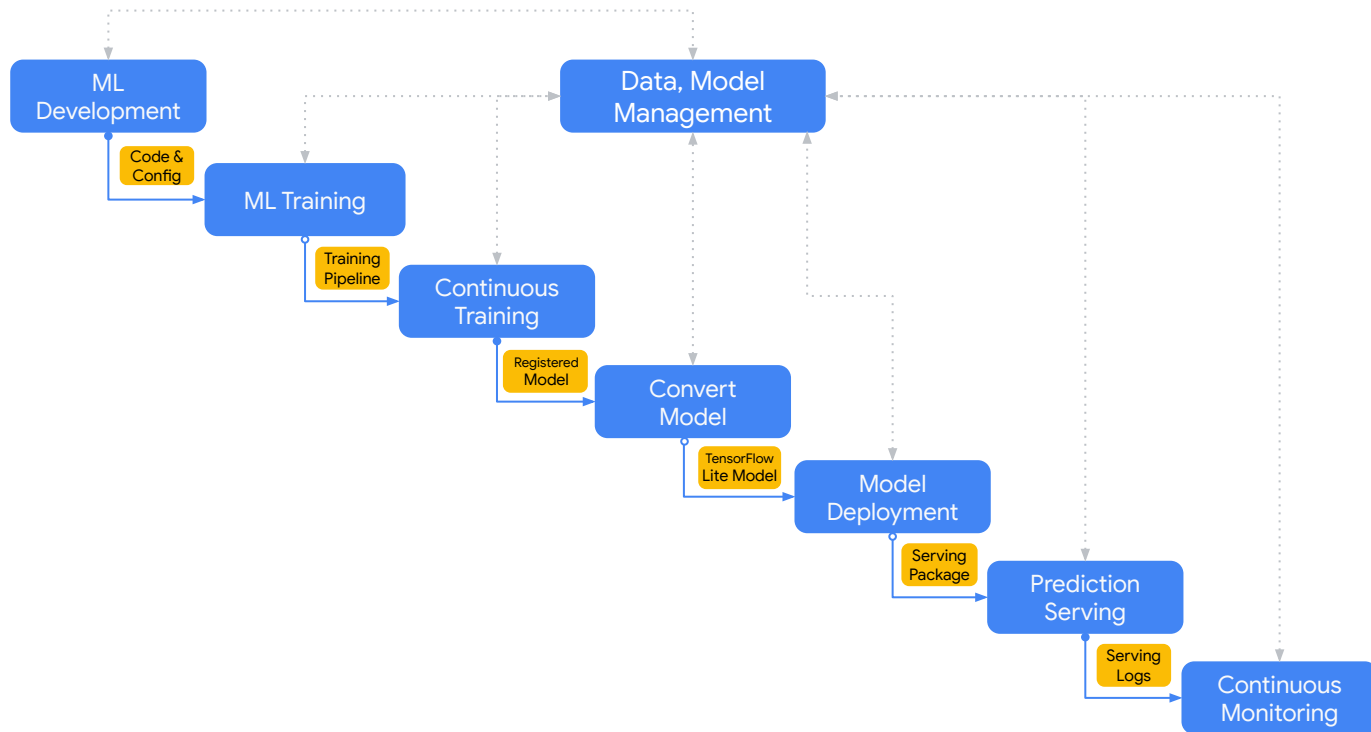
Key Concepts of MLOps for Scaling TinyML

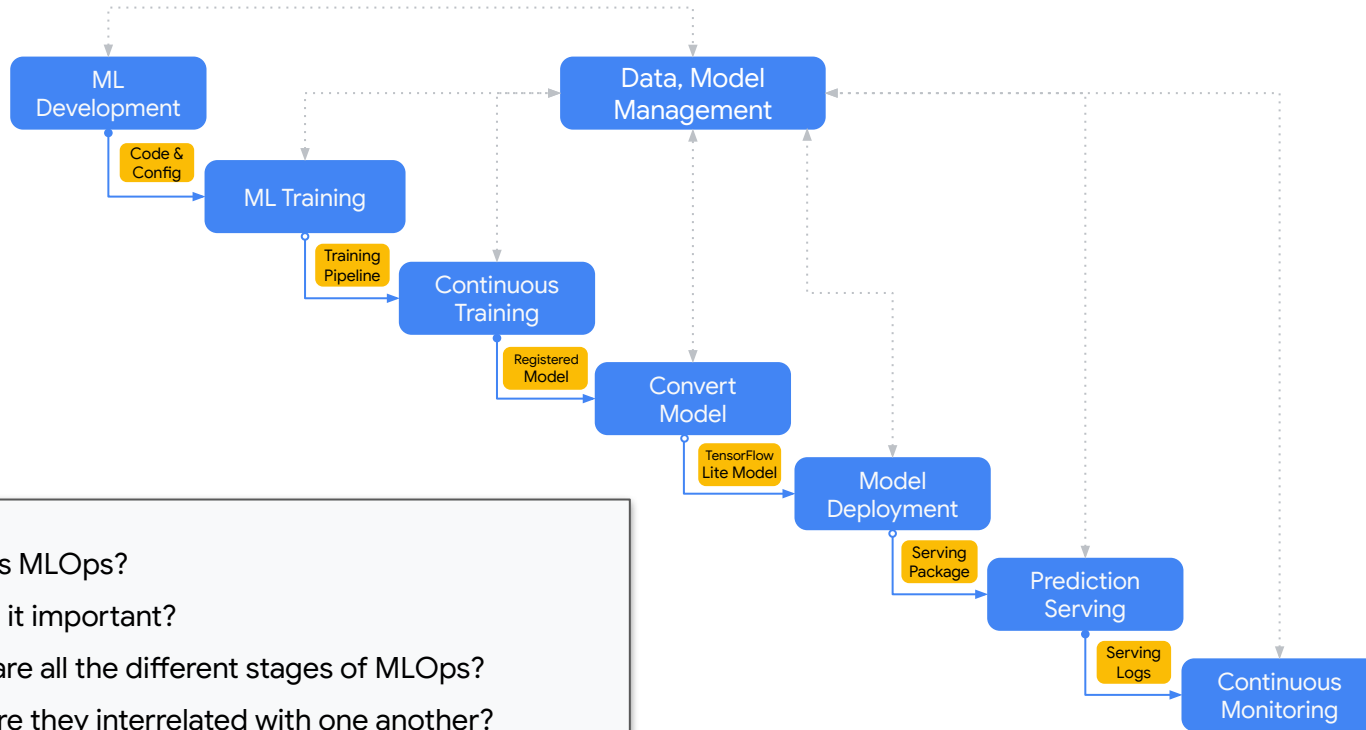




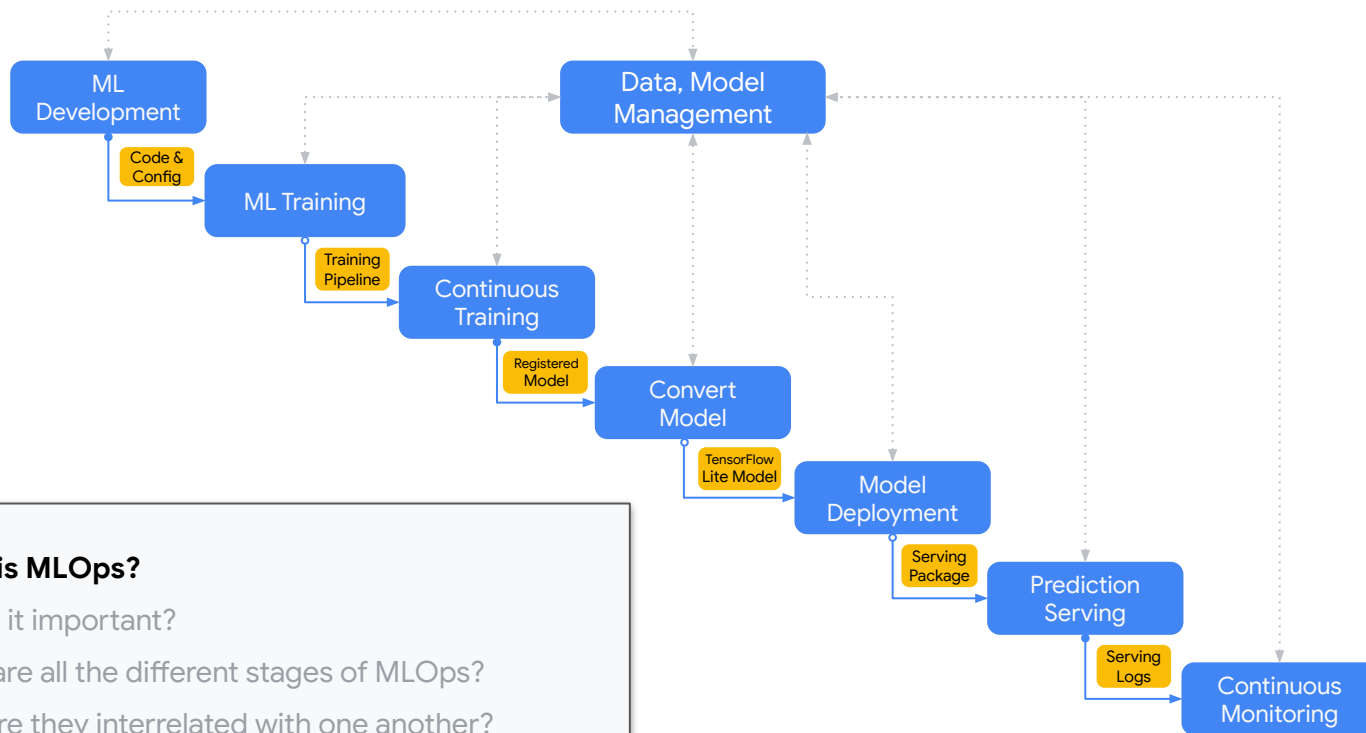
“...developing and deploying ML systems is relatively fast and cheap, but maintaining them over time is difficult and expensive.” by D. Sculley et al. at Google, “Hidden Technical Debt in Machine Learning Systems,” NIPS 2015





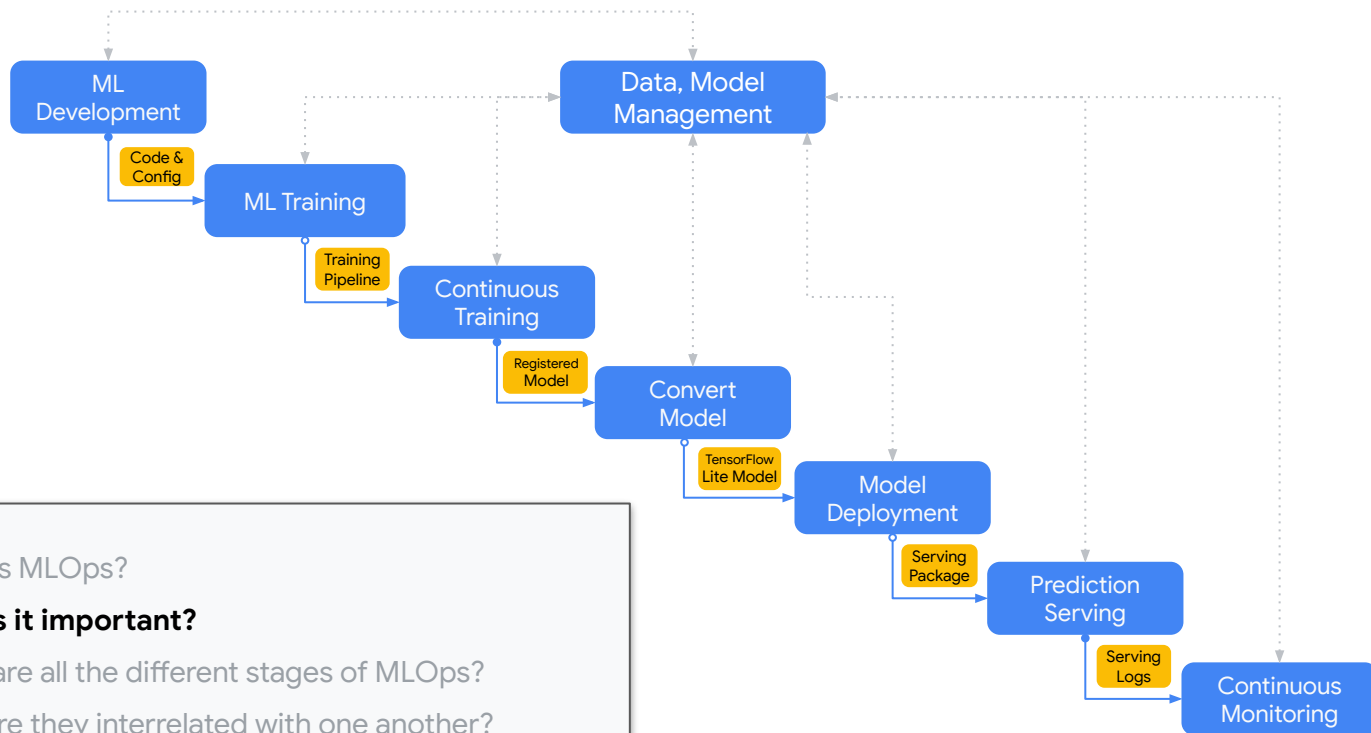


1. What is MLOps?
2. Why is it important?
3. What are all the different stages of MLOps?
4. How are they interrelated with one another?
5. What are the challenges with respect to TinyML?

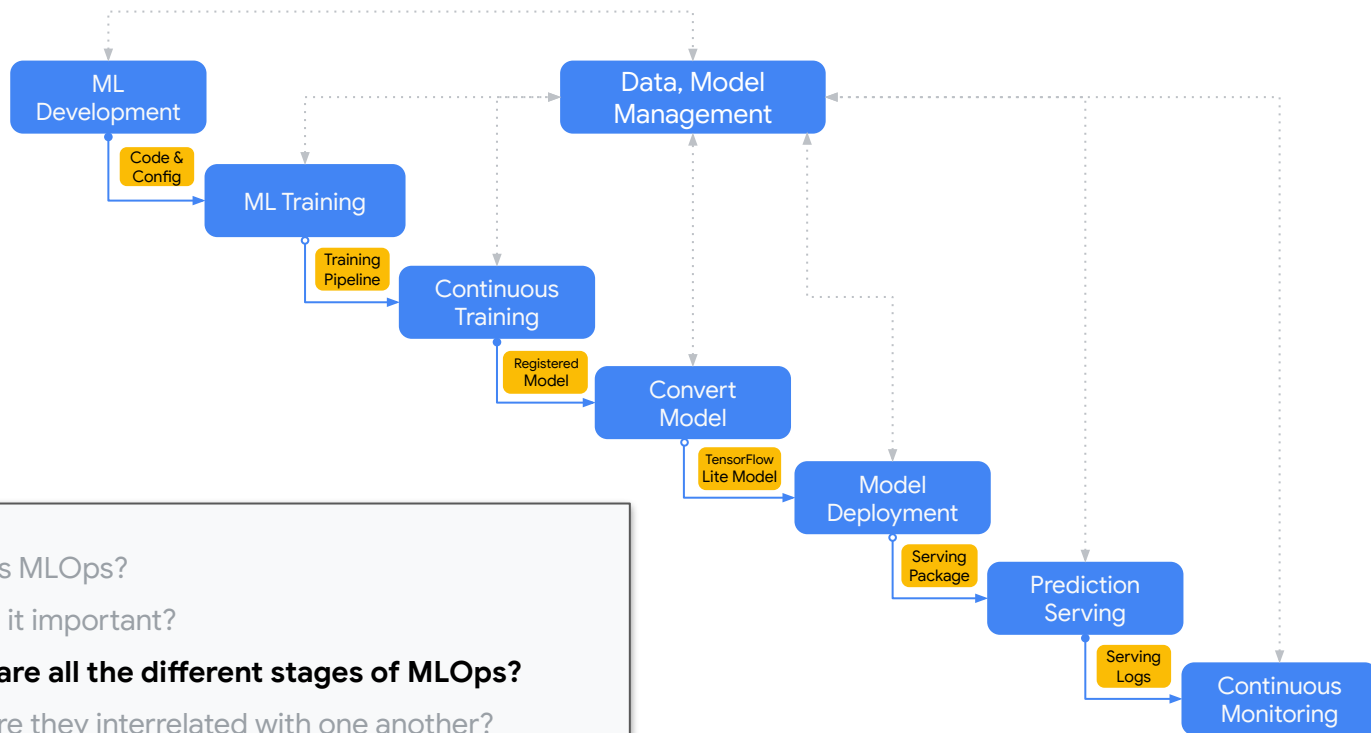


1. What is MLOps?

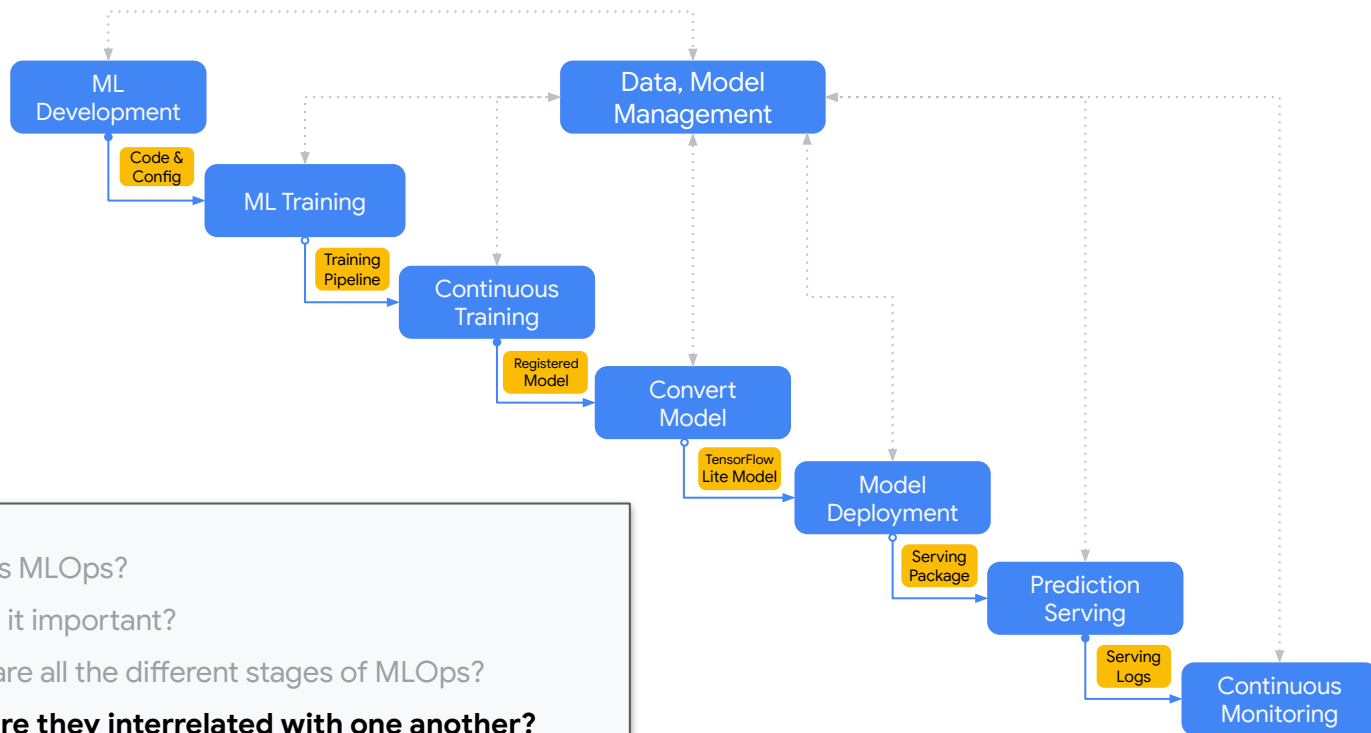
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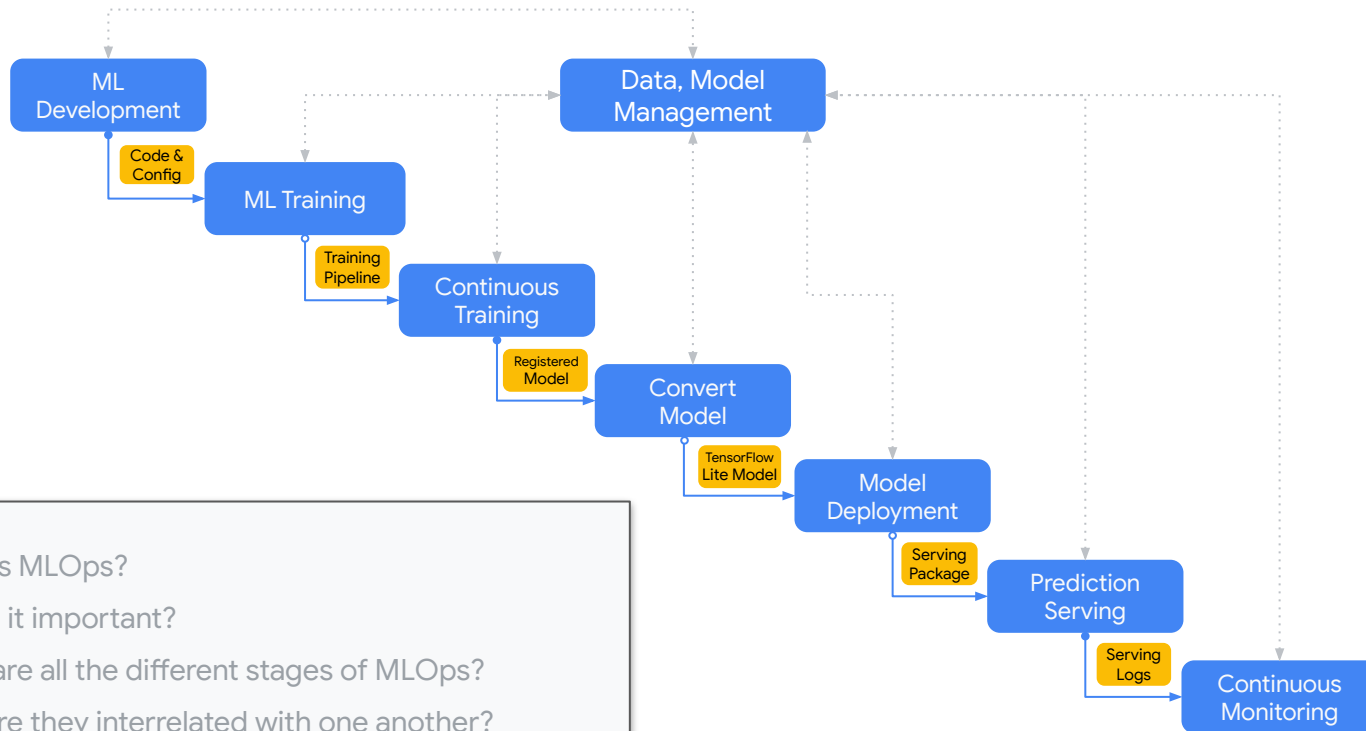
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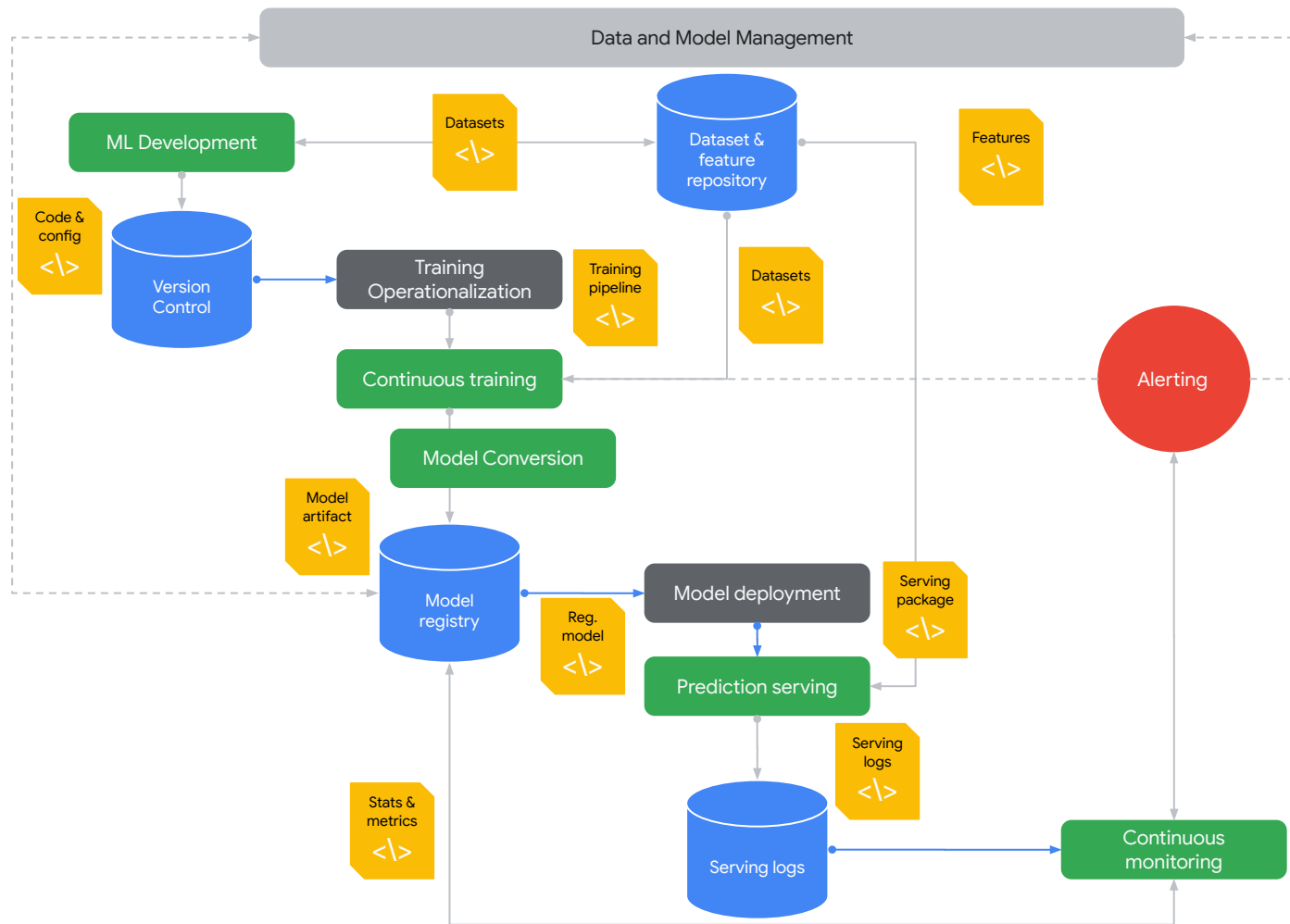
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4. How are they interrelated with one another?
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1. What is MLOps?
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4. How are they interrelated with one another?
5. **What are the challenges with respect to TinyML?**



The MLOps Personas



ML
Engineer



ML
Researcher



Data
Scientist



Data
Engineer



Software
Engineer



DevOps



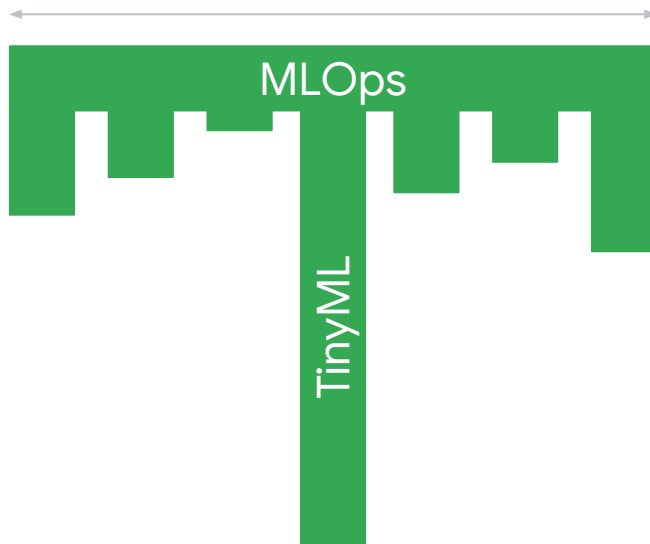
Business
Analyst

DEPTH

high skills in one discipline

BREADTH

of experience, knowledge, & sectors



Note:

Companies
like T-shaped
people



What's Next?