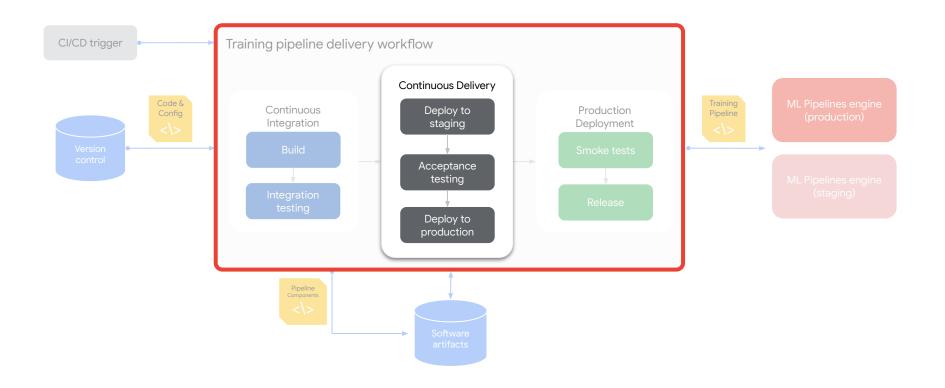
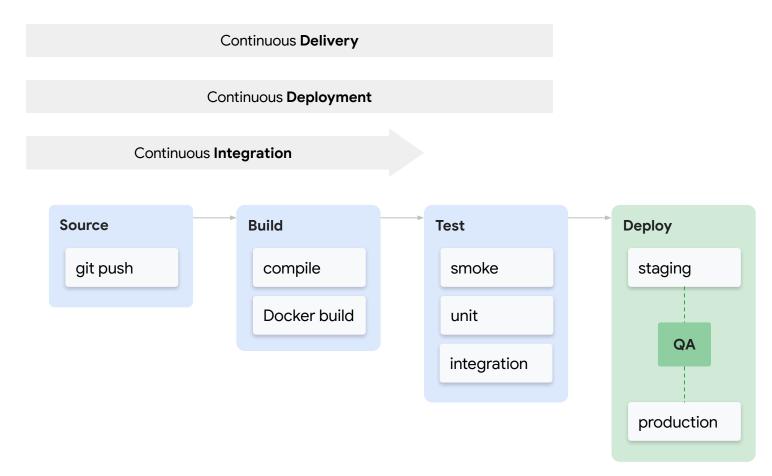
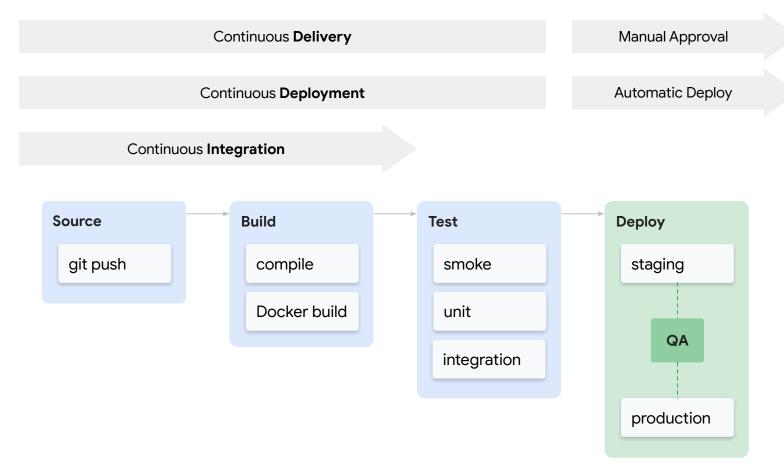
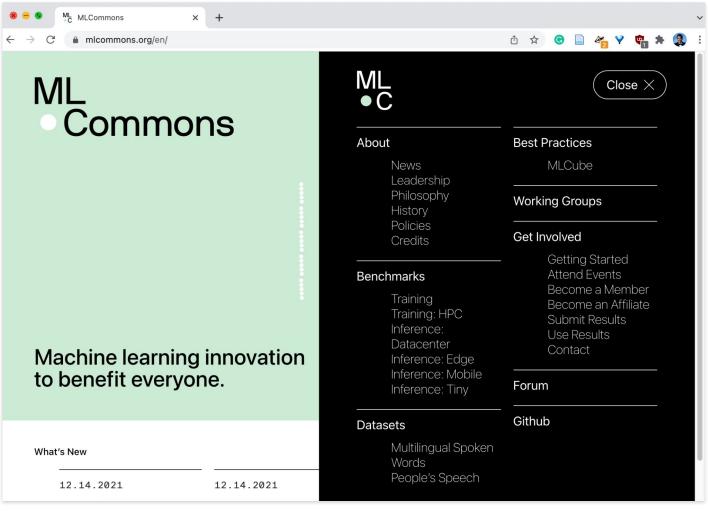
Continuous Delivery

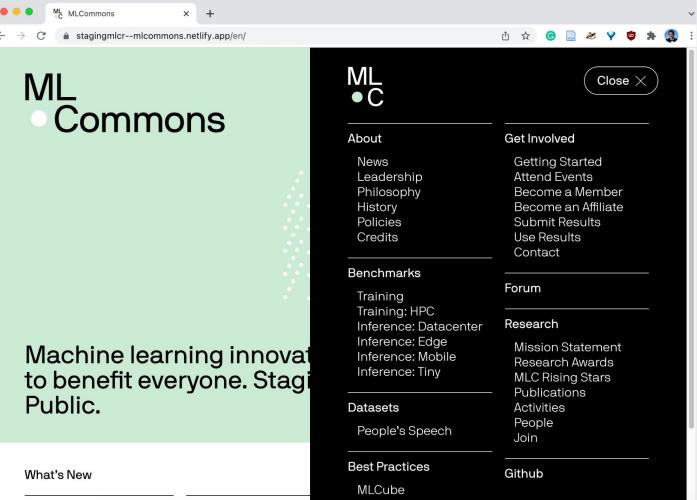
MLOps: Training Operationalisation

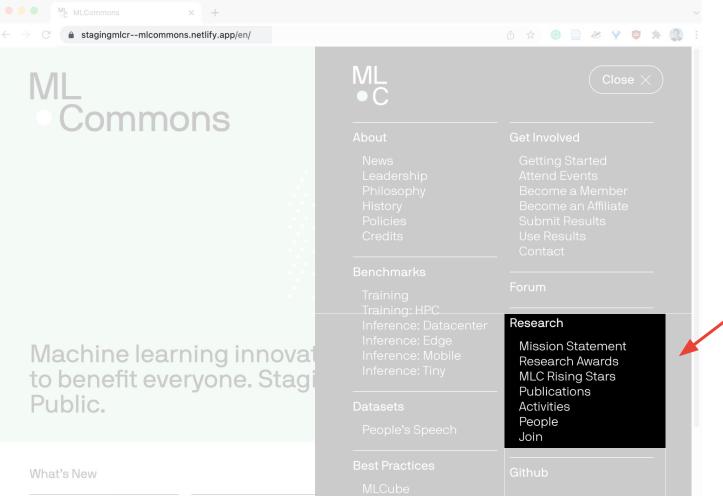


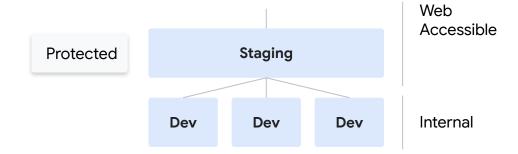


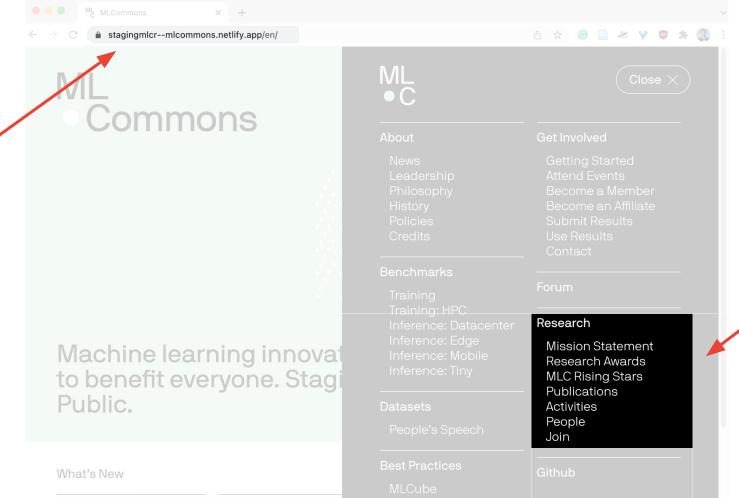


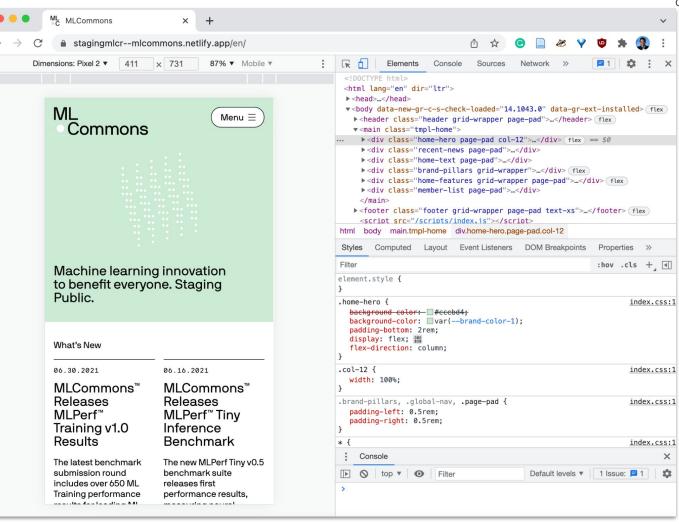


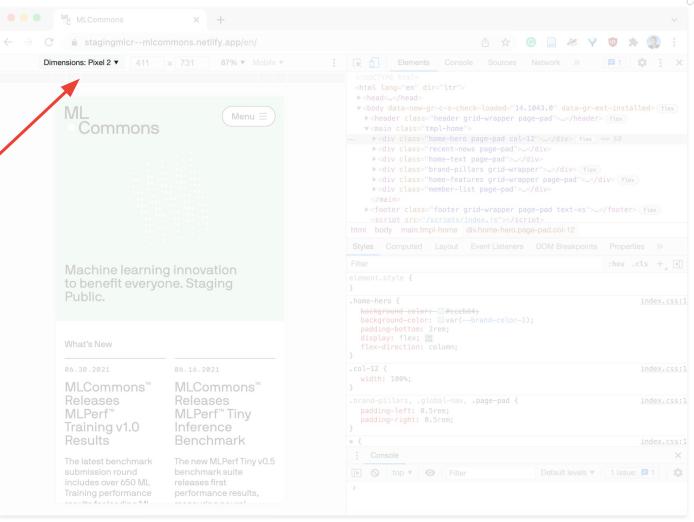


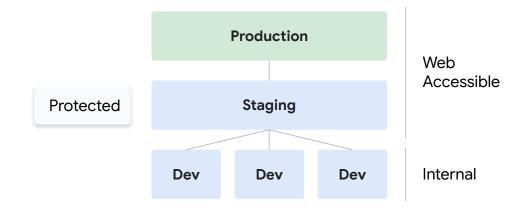






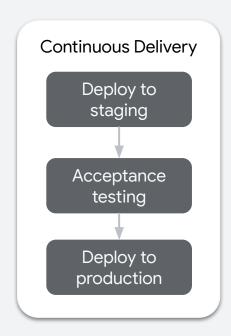






TinyML CD Questions

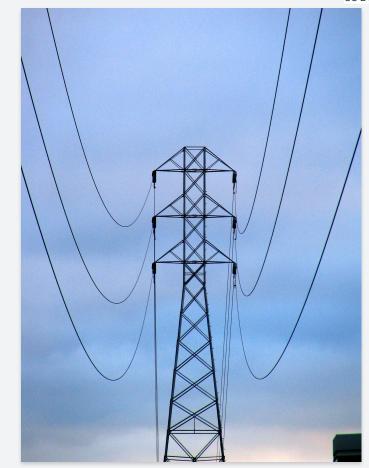
- What does the staging environment look like?
- What is considered as accepted testing?
- What and how do I deploy into production?



Case Study

Smart Powerline Monitoring System

- A simple infrastructure failure can quickly escalate into catastrophic consequences
- Use a TinyML device to preemptively predict and prevent outages and failovers



RAM-1 Smart Device for Electric Grids

 Built-in predictive maintenance features



RAM-1 Smart Device for Electric Grids

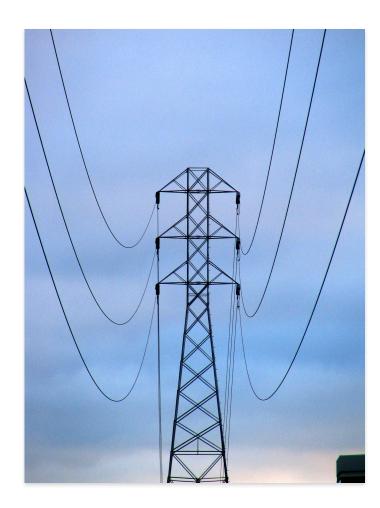
- Built-in predictive maintenance features
- Can do energy conservation via voltage reduction

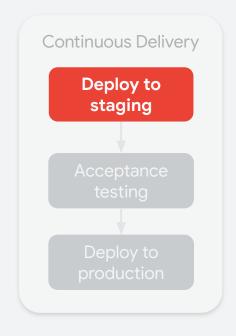


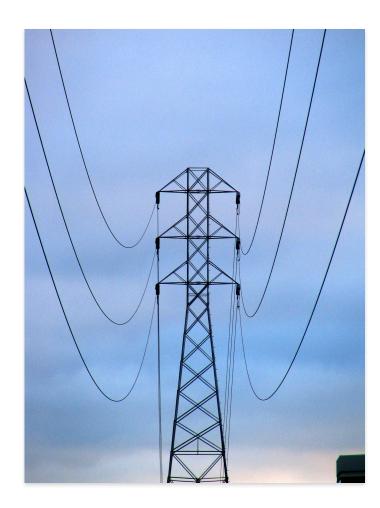
RAM-1 Smart Device for Electric Grids

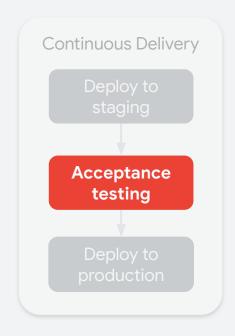
- Built-in predictive maintenance features
- Can do energy conservation via voltage reduction
- Integrated into an electric grid
- Improves reliability and decreases the risk of blackouts and brownouts
- Quickly respond to overloaded circuits with corrections















Deployment to Production

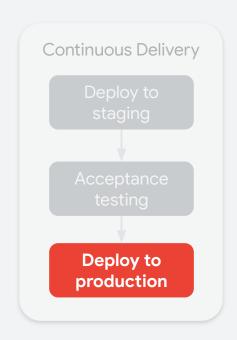
- Deploy the device physically
 - Install the device at the location





Deployment to Production

- Deploy the device physically
 - Install the device at the location
- Deploy over-the-air (OTA)
 - Already deployed in field,
 but needs an OTA update



Continuous delivery lets your team *automatically* build, test, and prepare code changes for release to production so that your software delivery fast and efficient.

