



# Architecture Component Breakdown

(ML model as embedded dependency, predict on the fly)

## **High Level Architecture**

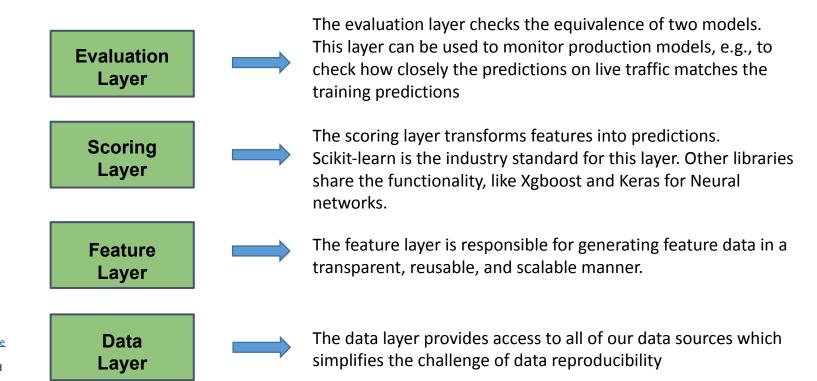
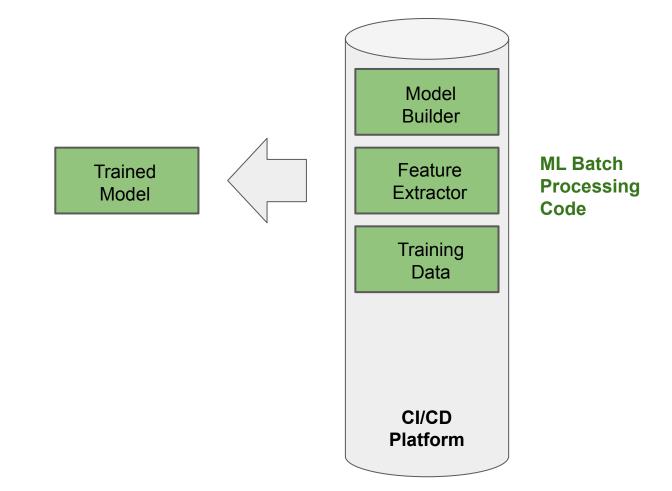
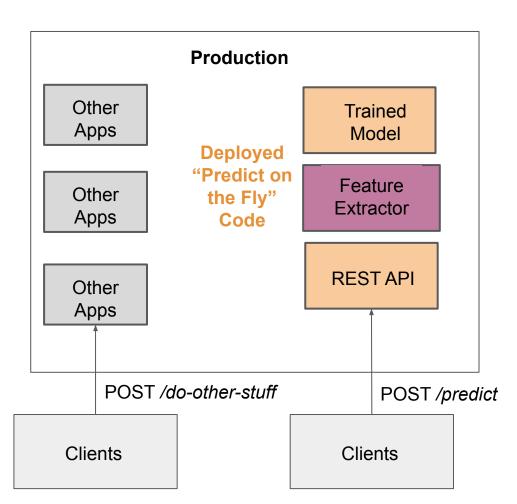


Diagram taken from:
Building a Reproducible
Machine Learning
Pipeline, Sugimura and
Hartl

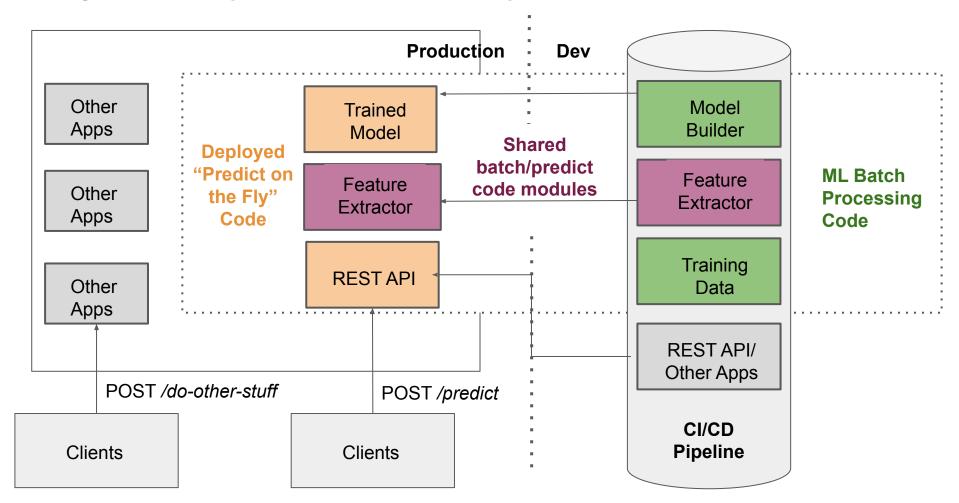
### **Breakdown: Training Phase**



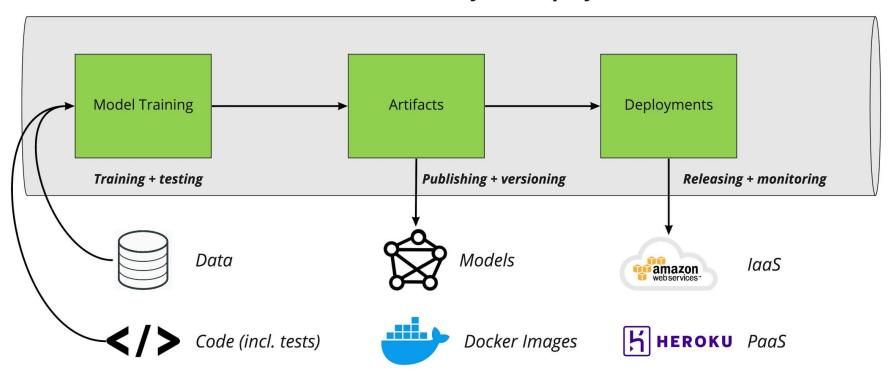
### **Breakdown: Prediction Phase**



### Diagram: Train by batch, predict on the fly, serve via REST API



### CI/CD Automation of the Deployment





# THANK YOU



I tweet about software engineering + build in public

@ChrisSamiullah