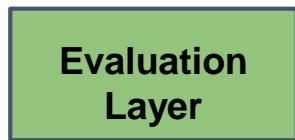


Architecture Component Breakdown

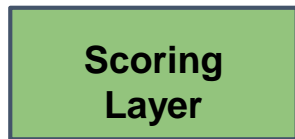
Train by batch, predict on the fly



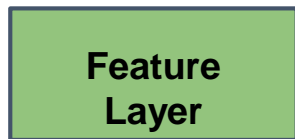
High Level Architecture



The evaluation layer checks the equivalence of two models. This layer can be used to monitor production models, e.g., to check how closely the predictions on live traffic matches the training predictions



The scoring layer transforms features into predictions. Scikit-learn is the industry standard for this layer. Other libraries share the functionality, like Xgboost and Keras for Neural networks.

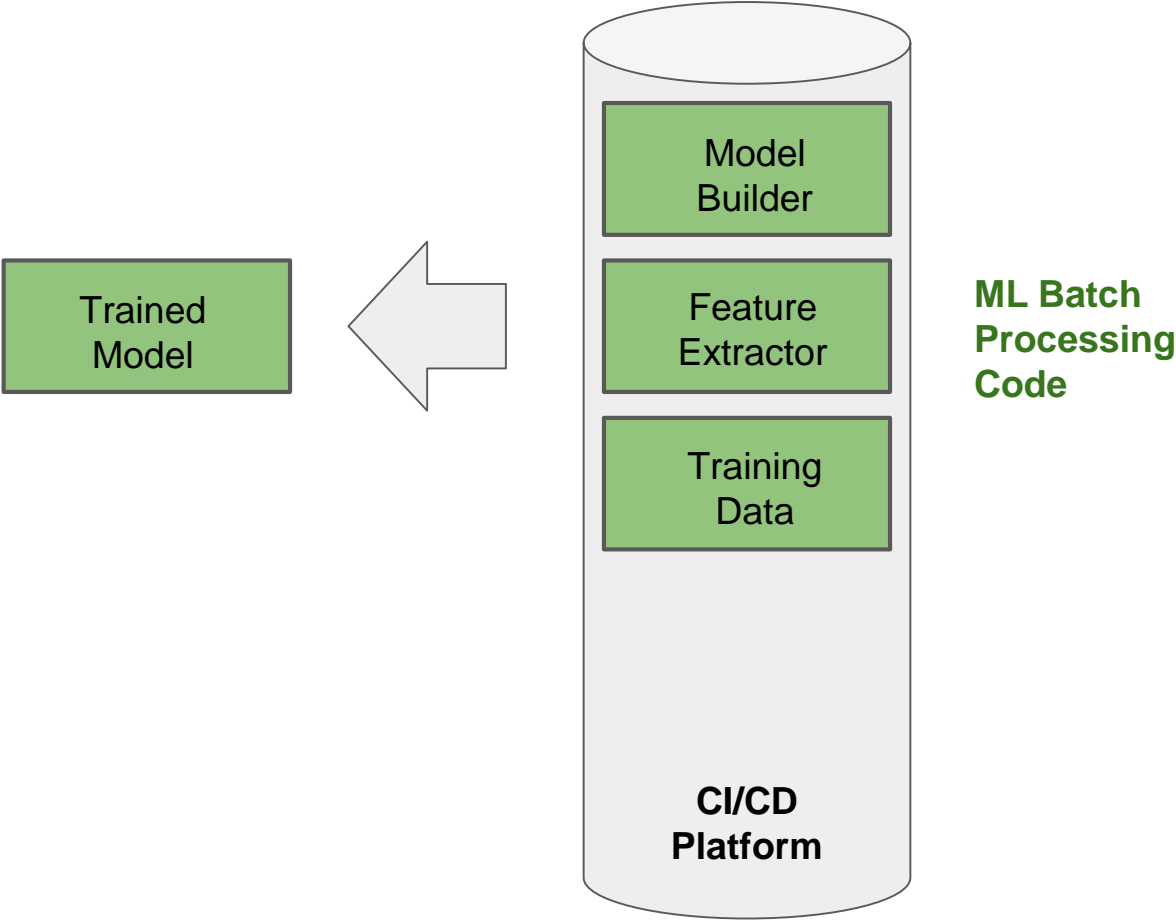


The feature layer is responsible for generating feature data in a transparent, reusable, and scalable manner.



The data layer provides access to all of our data sources which simplifies the challenge of data reproducibility

Breakdown: Training Phase



Breakdown: Prediction Phase

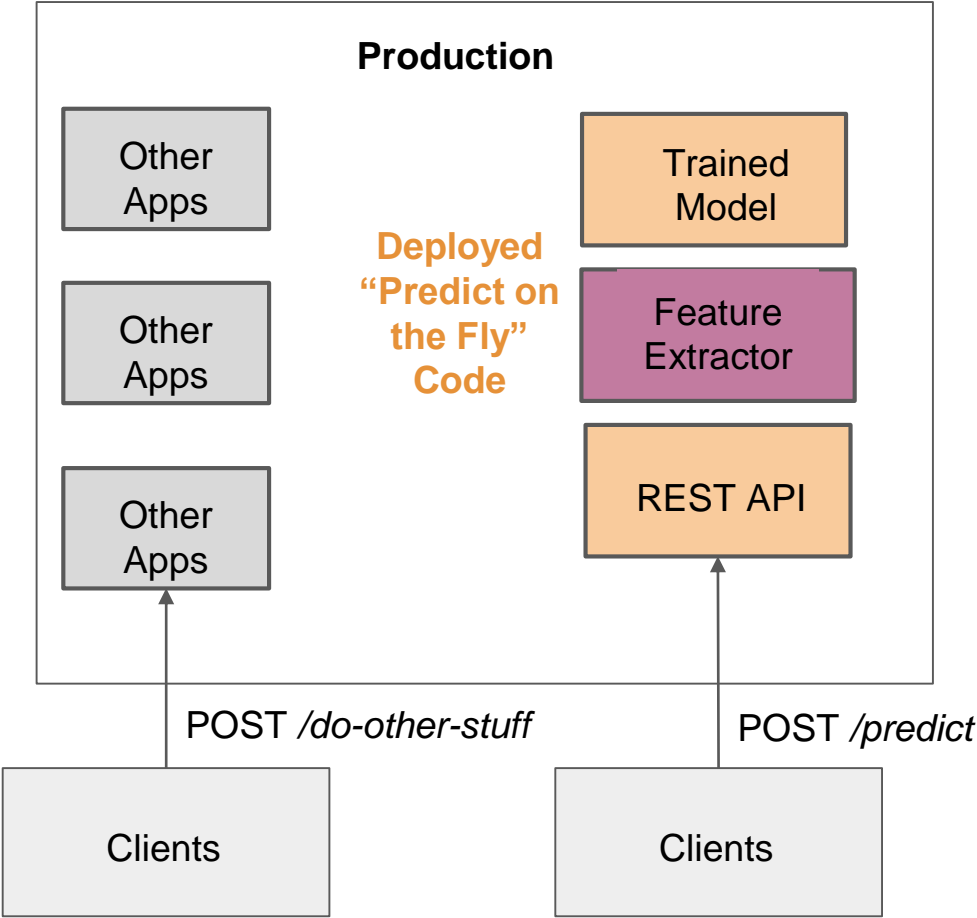
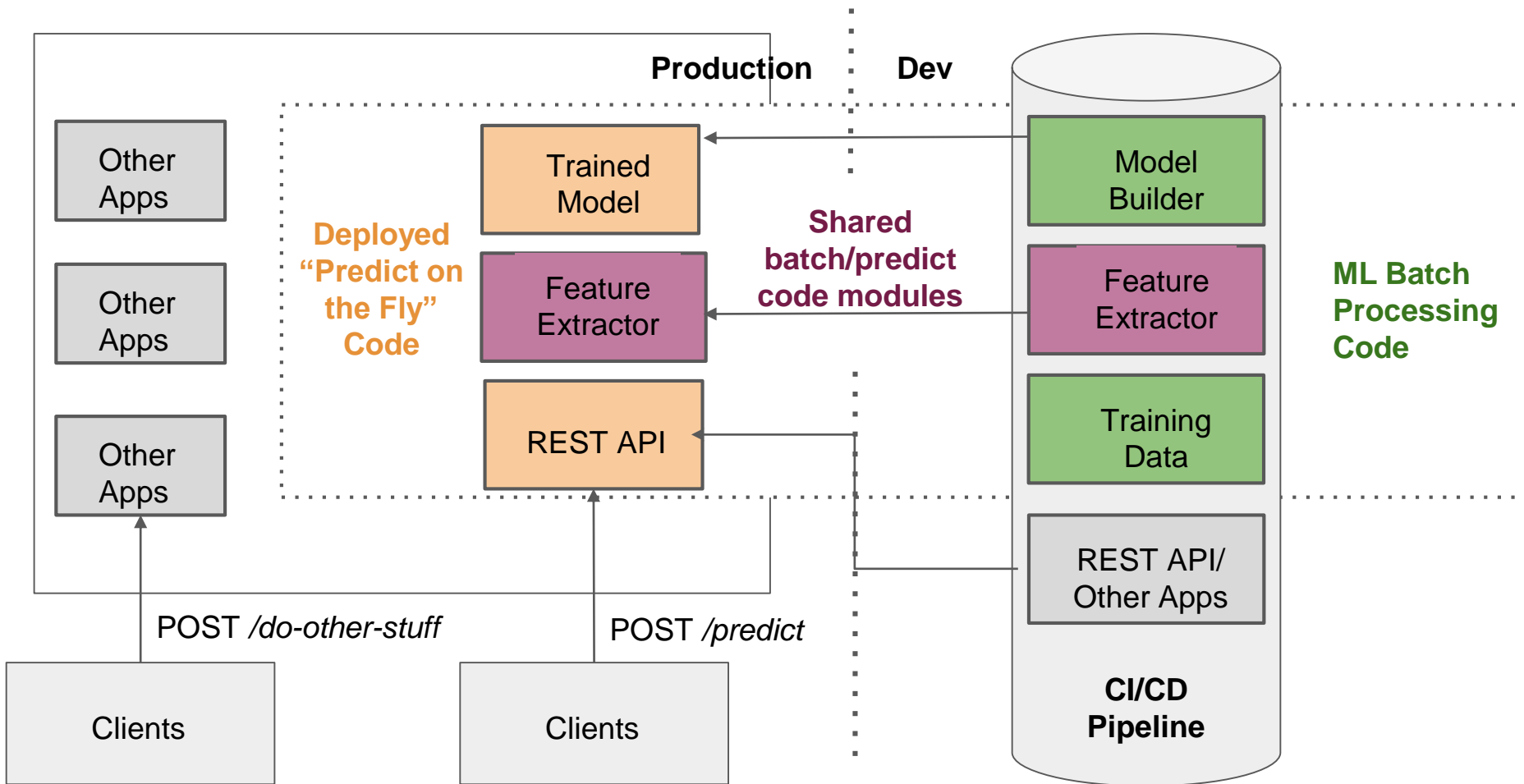
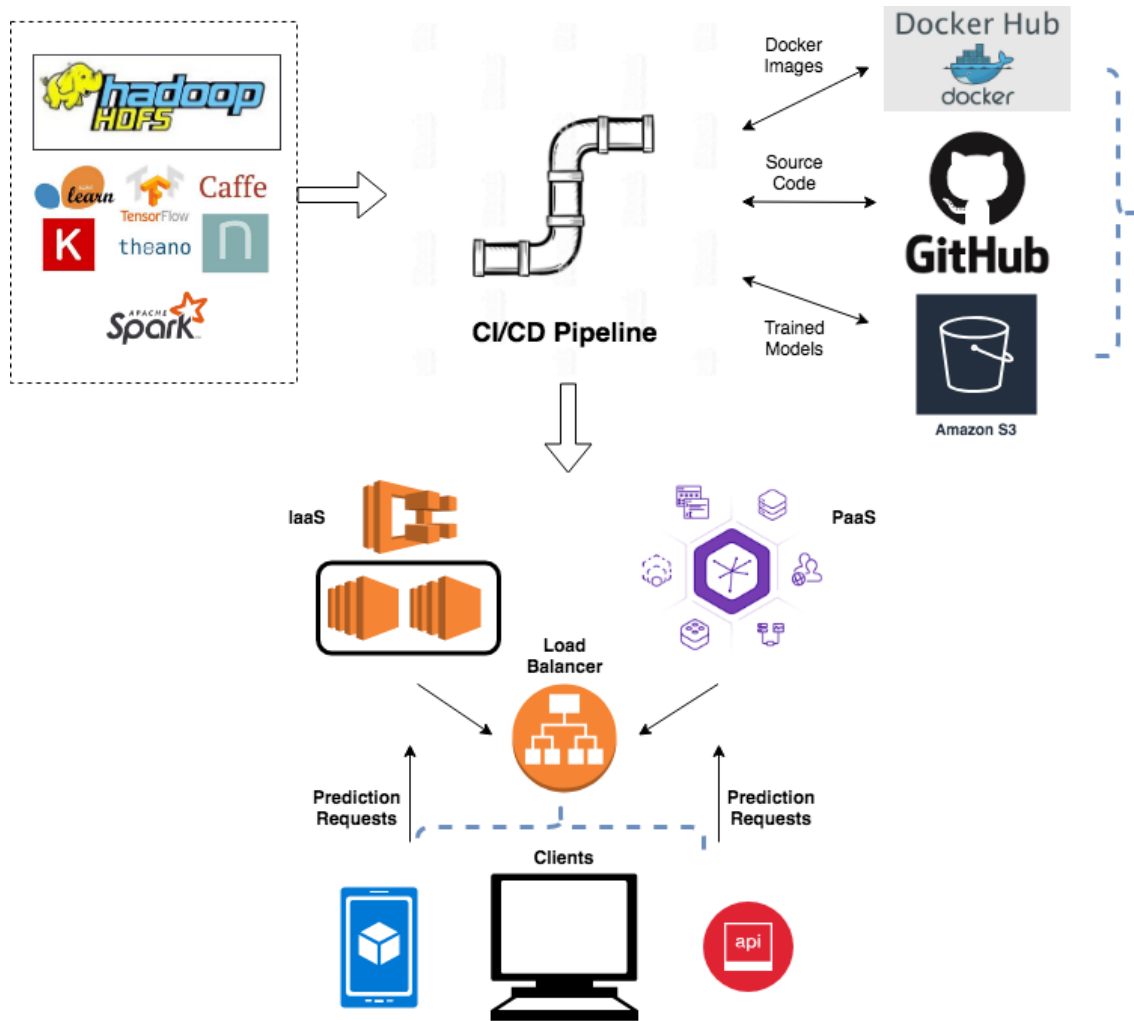


Diagram: Train by batch, predict on the fly, serve via REST API



System Diagram



See you in the next section!

