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**What is it?**

Currently, machine learning models are built in SAS, H20, PMML and run on their respective platform. Blaze makes a call to the models depending on business logic.

When a new model is developed, its performance is observed in production. This experimentation adds load to production as models are not mature but active.

**SMART will be the platform with following capability.**

* Host SAS, H2O & PMML models in docker environment and consume using REST endpoint
* Have an API gateway to orchestrate models
* Offload Blaze, to run mature models from SMART than respective system
* Deploy new models and give scoring for the models on production data
* Provide capability to retrain models

**Proposed Architecture**

Diagram

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