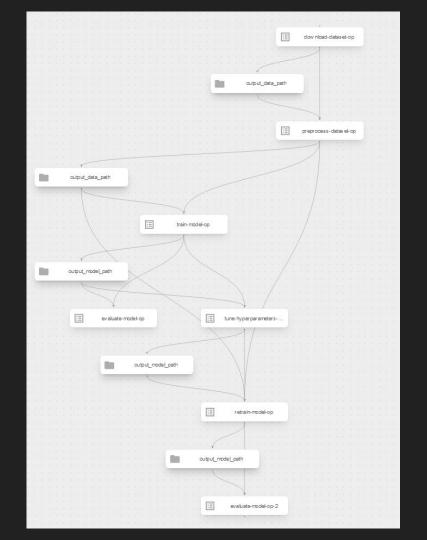
MLOps Pipeline using Kubeflow, Katib, and SHAP

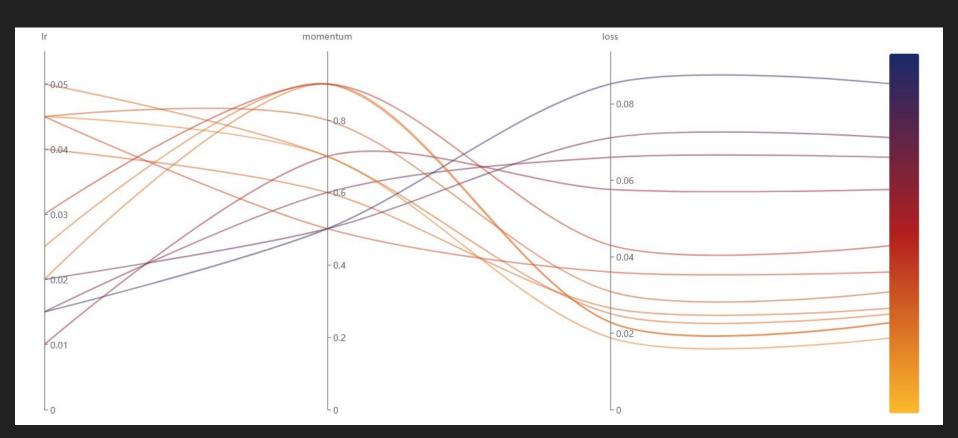
Presented by: Mike Segal

MLOps with Kubeflow

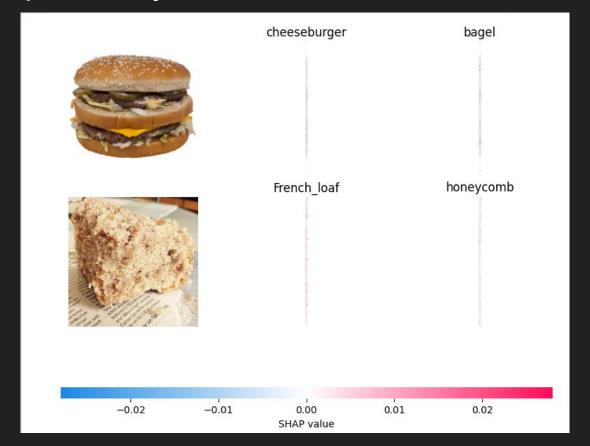
- 1) What is MLOps?
 - a) data management
 - b) model development
 - c) version control
 - d) automation
 - e) testing
 - f) deployment
 - g) monitoring
- 2) Why use it?
 - a) Reproducibility
 - b) Scalability



AutoML Integration with Katib - Grid



Model Interpretability with SHAP



Model Interpretability with SHAP



Takeaways

- 1. Avoid third party platforms if possible use cloud infrastructure directly
 - a. Not tied to specific regions, can move infrastructure quickly
- 2. Otherwise, MLOps, AutoML, and SHAP are great!