

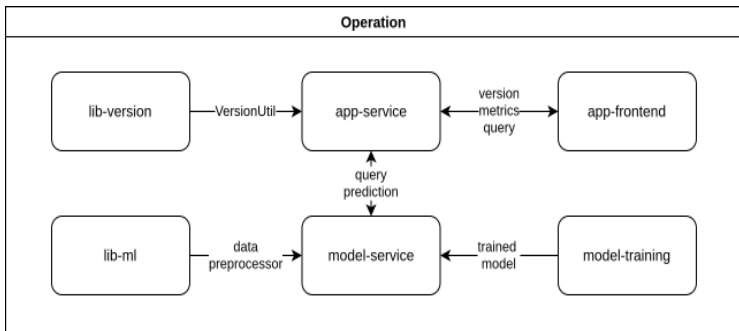
# Release Engineering for Machine Learning Applications

Group 8

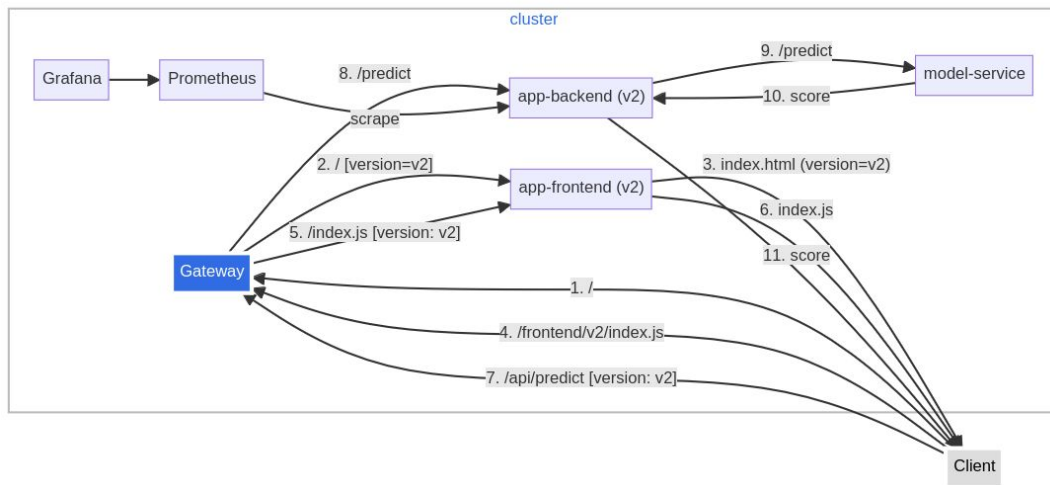
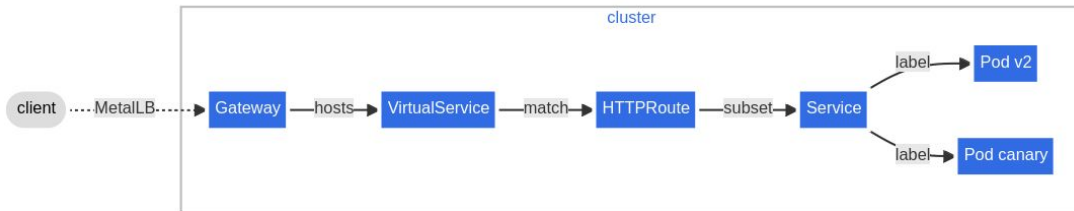




# Deployment



- Logical setup
- Request routing/matching
- Data flow for a prediction



## Welcome to the URL Phishing Prediction App

To get started, enter a URL below, or multiple separated with comma's, and click the Predict button. The app will return the chance of the URL being a phishing URL.

Score 1: 90.990%

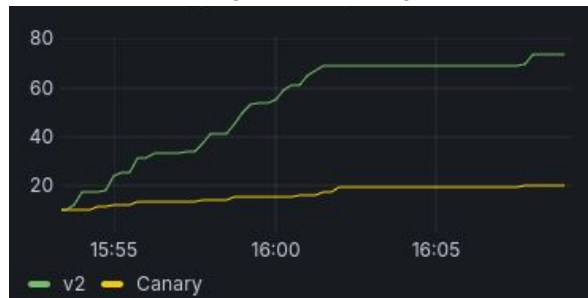


# Experimental set-up

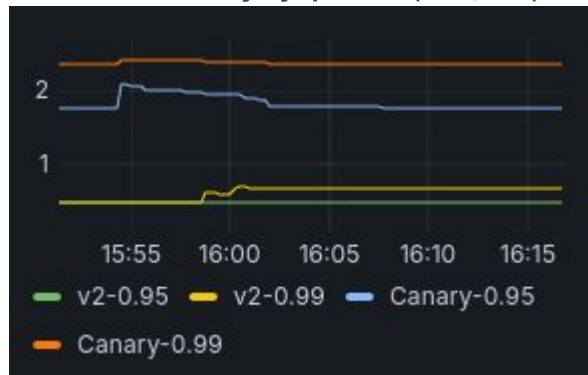
Hypothesis:

Allowing simultaneous querying of multiple URLs will reduce the number of prediction requests, although it will lead to higher latency.

Total amount of prediction requests

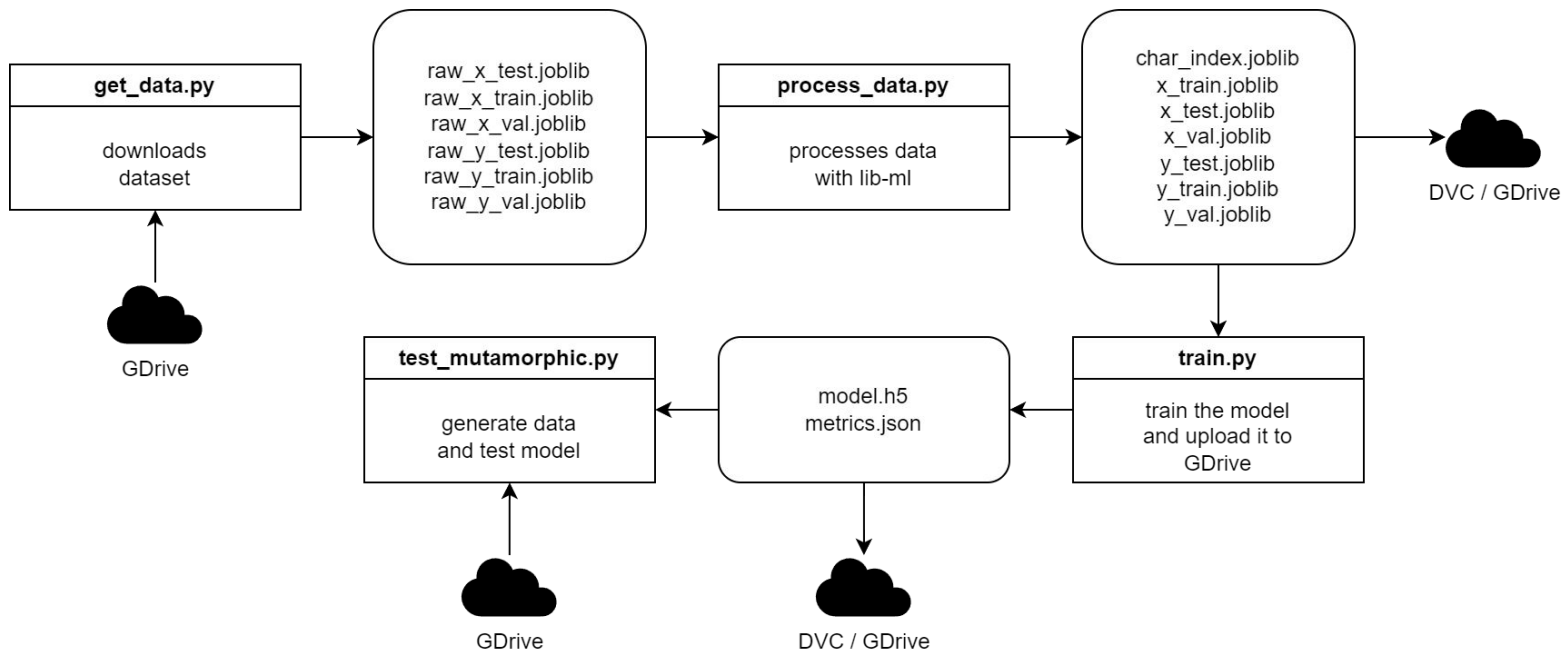


Prediction latency by quantile (0.95,0.99)



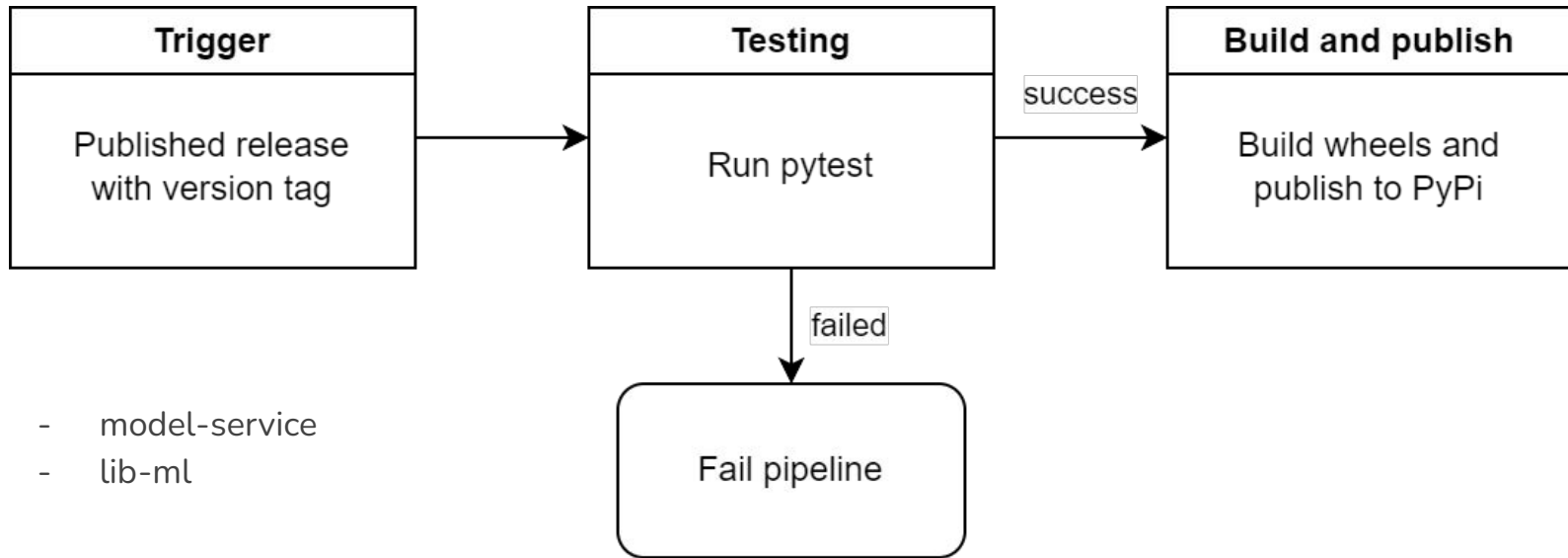


# ML-pipeline





# Package pipeline





## **Our experience with REMLA**

- Overload of information and configuration
- Difficulty keeping team members
- Interesting and useful topics in industry
- 0 to hero in release engineering

# Conclusion

