

Which Systems to use to monitor the input and output of the data

Research systems that can do that

Model update is manual.

What's the way to make it automatic?

Github model Registry Github model Registry:

The model will be saved there, and when deploying it will pull it from there to the code

Both instances will have the same code, and managed in the same Git Repo, the only difference is the main file that will run the app

On manual trigger with GitHub actions, it will build the same Docker image for both instances, the difference is in the run params

Over all we'll have 2 Docker images, 1 for the app, and 1 for the ELK