Fix: **Operability** - step 2 (Productionizability)

> **Motivation:** The model is deployed, but cannot be reverted back to a previous version.
>
> **How to fix:** Deploy the model in a serving system where it can be managed (disabled, uploaded, reverted), such as RS

Bring your model to maturity level 4

Fix: **Repeatability** - step 2 (Productionizability)

> **Motivation:** Repeating the ML lifecycle is completely manual
>
> **How to fix:** Fully automate the repetition of the ML lifecycle.

Fix: **Adaptability** - step 2 (Robustness)

> **Motivation:** The model is partially adaptable
>
> **How to fix:** Retrain the model automatically or use an adaptive model architecture

Bring your model to maturity level 5

Fix: **Testability** - step 2 (Modifiability)

> **Motivation:** The source code is not unit-tested
>
> **How to fix:** Test at least 50% of the ML system's source code

Fix: **Monitoring** - step 2 (Productionizability)

> **Motivation:** There is some service health monitoring but it can be improved
>
> **How to fix:** Monitor features and business metrics

Fix: **Effectiveness** - step 2 (Utility)

> **Motivation:** The model is fullon, but it was tested more than 6 months ago.
>
> **How to fix:** Run a superiority AB experiment with comparative test to evaluate the effectiveness

If the aforementioned practices are not enough, you can request an ML System Brainstorm and we will assign 2 reviewers to discuss how to improve your model.

Satisfied quality aspects

- **Maintainability**: Code is versioned using Git.
- **Discoverability**: The ML system is registered in the ML Portal.
- **Usability**: The model's output can be accessed.
- **Readability**: The code has a unified code style.
- **Adaptability**: The ML system is (even partially) adaptable.
- **Traceability**: Metadata and artifacts are logged (even partially).